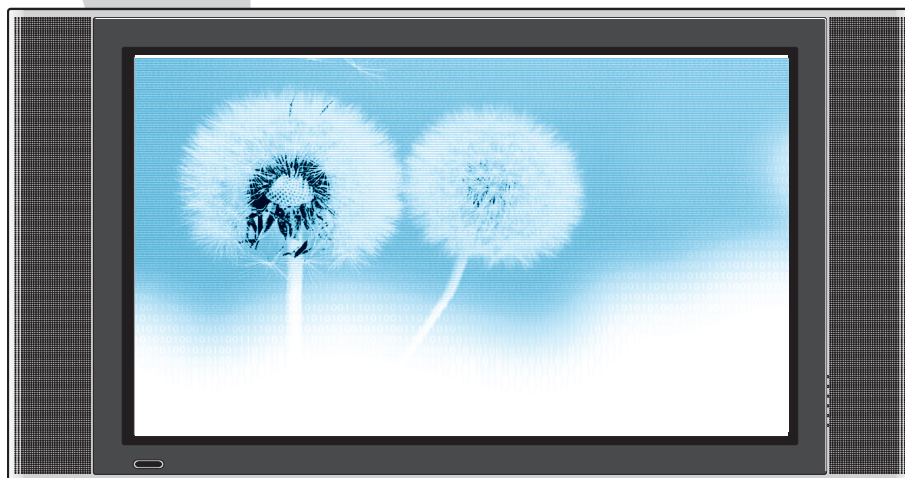




PLASMA DISPLAY

USER'S MANUAL

DT-42A1



**Proper use guarantees
product life.**

Before using the product, be advised
that you read this owner's manual well
and try to operate it.

Helpline Number : 0870 100 2525

Features

• 42" VGA wide Plasma Panel

• Built in 2-Analog Tuners

This PDP has 2-analog tuners inside for watching terrestrial broadcasting without the need to purchase a separate broadcasting receiver.

• Support Picture-in-Picture (PIP)

• DVD Direct Connection / Outstanding Picture Quality via a Digital Broadcast Receiver

DVD can be directly connected to the unit so that you can view clear digital images. You can enjoy even higher quality images by connecting a digital broadcasting receiver with which digital broadcasts can be viewed.

• PC Direct Connection

PC can be connected to the PDP without a separate device and can be used as a monitor making it ideal for presentation, various events and exhibitions.

• 160° Wide-Angle Viewing Area

• Flat Panel with No Distortion and Colour Blurring

Since Plasma TV has no problems such as distortion, blurring, flickering unlike existing CRT type displays you can enjoy Home Cinema picture quality and sound.

• Various Video Control

- 17 Languages OSD - Full-screen still function
- Various aspect ratio (16:9, 4:3, Panorama, LB(16:9), LBS(16:9), 14:9, LB(14:9), LBS(14:9), Auto)

• Free Volt (100-240V~, 50/60Hz)

• DVI (Digital Visual Interface) Connection

Using the DVI Input, you can receive directly a digital signal from the computer. Consequently, pictures on the screen are much more clear and fresh.

• MGDI (Meta Genuine Digital Image) Engine

MGDI is the image enhancement technology designed by Daewoo Electronics, which provides more clear, realistic, and delicate images.



This Owner's Manual presents safety precautions and how to use the product.

After reading it thoroughly, use the product safely.

Keep this manual where the user can see it easily.

Failure to comply with warnings and cautions for the safe use of electric appliances may cause fire or human injury.

DISPOSAL OF USED ELECTRICAL & ELECTRONIC EQUIPMENT



The meaning of the symbol on the product, its accessory or packaging indicates that this product shall not be treated as household waste. Please, dispose of this equipment at your applicable collection point for the recycling of electrical & electronic equipments waste. In the European Union and Other European countries which there are separate collection systems for used electrical and electronic product. By ensuring the correct disposal of this product, you will help prevent potentially hazardous to the environment and to human health, which could otherwise be caused by unsuitable waste handling of this product. The recycling of materials will help conserve natural resources. Please do not therefore dispose of your old electrical and electronic equipment with your household waste. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

Safety Precautions

Always obey all safety messages.

- All the safety and operating instructions should be read before the product is operated. If anything strange happens, unplug this product from the wall outlet.
- Do not disassemble or replace any parts of the TV. Refer to a qualified service personnel for repair.

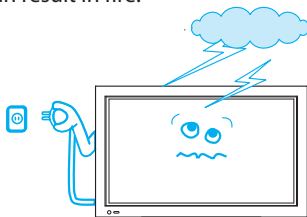
WARNING

You can be Killed or seriously injured if you do not follow these instructions.

Power

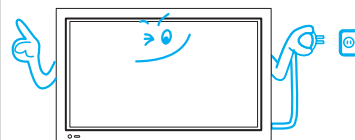
During a lightning storm, or when it is left unattended and unused for a long period of time, unplug it from the wall outlet.

It can result in fire.



When unplugging your TV, always grip the plug firmly and pull straight out from the socket.

It can result in fire or electric shock due to damaged power cord.



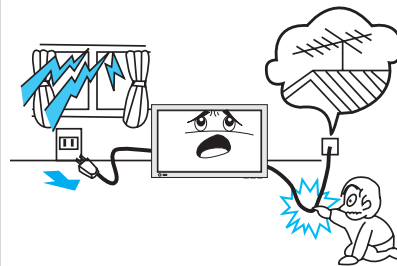
This product must be properly grounded.

- Improper grounding may cause malfunction or electric shock.
- When proper grounding is not possible, install circuit breaker.
- Do not ground to gas pipe, water pipe, lightning rod, or telephone line.



During a lightning storm, unplug the TV from the wall outlet, and do not touch the antenna.

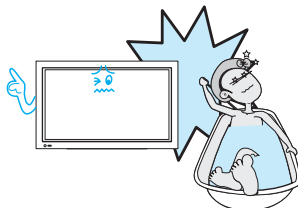
It can cause fire or electric shock.



Installation

Do not use this product in the neighborhood of a bath or shower.

It can result in electric shock or fire.



Do not place this TV on an unstable cart, stand, or table

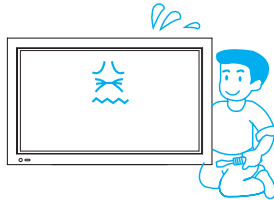
It may cause the product and cart to overturn, damaging equipment or causing possible injury.



During Use

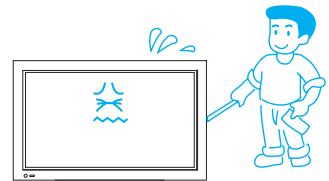
Do not open the cover (or back) because high voltage is present within the TV enclosure.

It may cause electric shock.



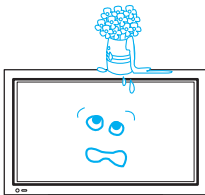
Never push any kind of objects into this product through openings at the back of TV.

It may cause fire or electric shock.



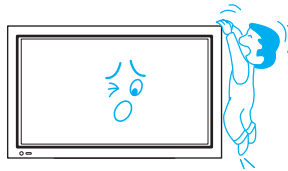
The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

Spilled liquids may cause electric shock or fire.



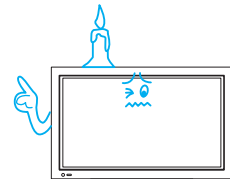
Do not allow children to play or hang on the TV.

These actions may tip it over, causing personal injury.



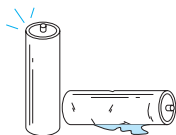
Do not place a candle or lighted cigarette on the TV.

If these fall into the inside of the tv, it may cause a fire or explosion.



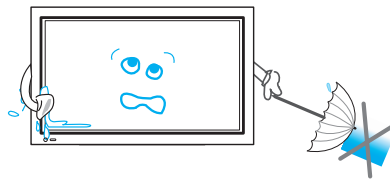
Do not disassemble batteries, and do not leave around in case children swallow them.

Heavy metal may contaminate environment, and can be harmful or detrimental to human health. (If children swallow the batteries, go to hospital and consult with a doctor.) Batteries could explode if fitted incorrectly. Align the batteries according to the (+) and (-) indication inside the case.



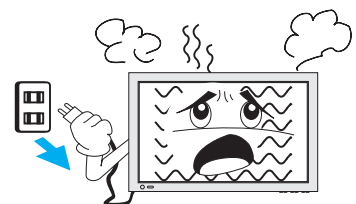
Do not spray water onto the TV or wipe with damp cloth.

It may cause an electric shock or fire.



Unplug the TV from the wall outlet when smoke or a strange smell occurs, then refer to a service personnel.

Leaving the TV on in this condition, may cause fire or electric shock.



Safety Precautions

Always obey all safety messages.

- All the safety and operating instructions should be read before the product is operated.

CAUTION

You can be injured, or this product or any other of your property can be damaged if you don't follow instructions.

Power

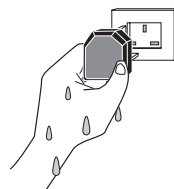
When moving your TV, remove the power plug, antenna, and cables, and be sure to move it by using two people..

Failure to follow this instruction can result in electric shock or personal injury.



Do not touch the power plug with wet hands when plugging or unplugging it into the wall socket.

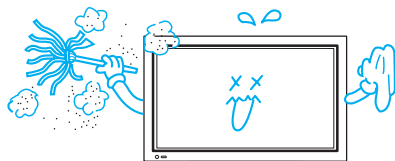
It can result in a risk of electric shock.



Installation

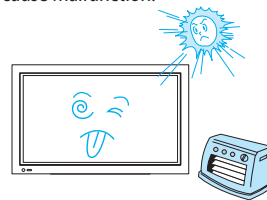
Do not install the product where there is oil, smog, moist, or dust

It may cause malfunction.



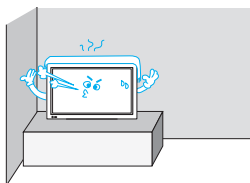
Do not install the product where it will be exposed to the direct sunlight, and the product should not be near heat sources such as radiators, stoves, etc.

It may cause malfunction.



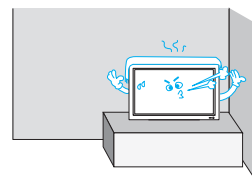
For proper ventilation, separate the product from the wall, and keep a distance of more than 10cm (4inches).

Due to the increase of temperature inside the TV, it may cause fire.



Minimum distances around the apparatus for sufficient ventilation.

Due to the increase of temperature inside the TV, it may cause a fire.



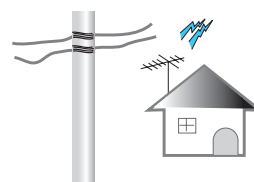
If you wish to install this product on the wall or ceiling, refer to a professional.

Failure to do so may cause damage to product and injury to human.



When using an outside antenna system, do not install it in the vicinity of overhead power lines.

If the antenna touches such power lines, it may cause electric shock.

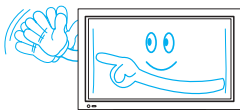


During Use

The plasma display panel consists of fine cells. Although the panels are produced with more than 99.9 percent active cells, there may be some cells that do not produce light or remain lit.

Do not allow a still picture to be displayed for an extended period, as this can cause a permanent ghost image to remain on the Plasma Display.

Examples of still pictures include logos, video games, computer images, teletext and images displayed in 4:3 mode.



The warranty does not cover any damage caused by image retention.

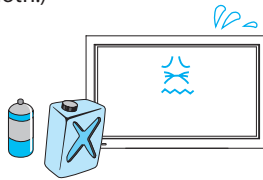
When cleaning of the inside of the TV is required, consult A qualified service personnel.

When the TV is not cleaned for a long period of time, dust in it may cause fire or malfunction.



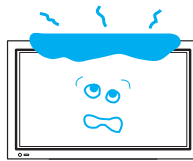
Do not wipe the TV using a cloth dampened with chemicals (benzene, thinners, etc.).

The TV appearance may be marred. (Unplug the power plug and wipe with soft cloth.)



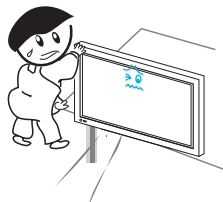
Do not place any object or cover on the TV.

In an event of improper ventilation, the TV will be overheated causing fire.



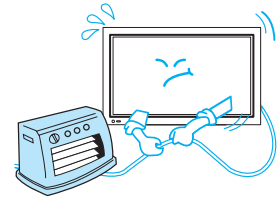
When the TV is placed on a cart or table, the front side of the TV should not project outward.

Unbalance may cause the TV to drop, resulting in personal injury or equipment malfunction and damage.



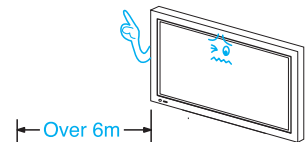
Do not place heavy objects or heat sources on the power cord.

It may damage the power cord, causing fire or electric shock.



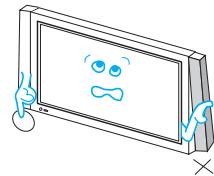
When watching the TV, the distance between the TV screen and your eye should be 5~7 times the diagonal size of the TV.

Watching the TV for a long time may hurt your eye sight.



Do not grip speakers when moving the TV attached with speakers.

When moving the TV while gripping speakers, the speakers may fall from the TV due to its weight, causing personal injury.



Checking Accessories



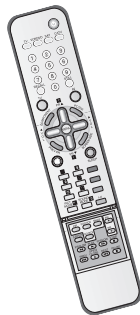
Note

Check to be sure that the following items are packed with your Plasma panel.

Supplied Accessories

Remote Control

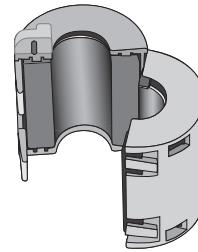
1 UNIT



AC Cable 1 UNIT

Ferrite Core

1UNIT



For Scart
(1 unit)

Optional Accessories



Note

The following items are optional accessories. Refer purchasing optional accessories from Daewoo Electronics Local Retailers or the retailer from where you purchased the unit.

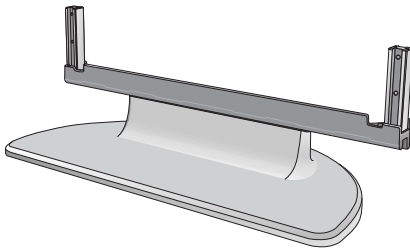
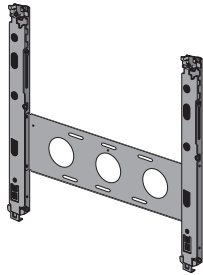


Table Top Stand



Wall Mounting Unit





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MISC.

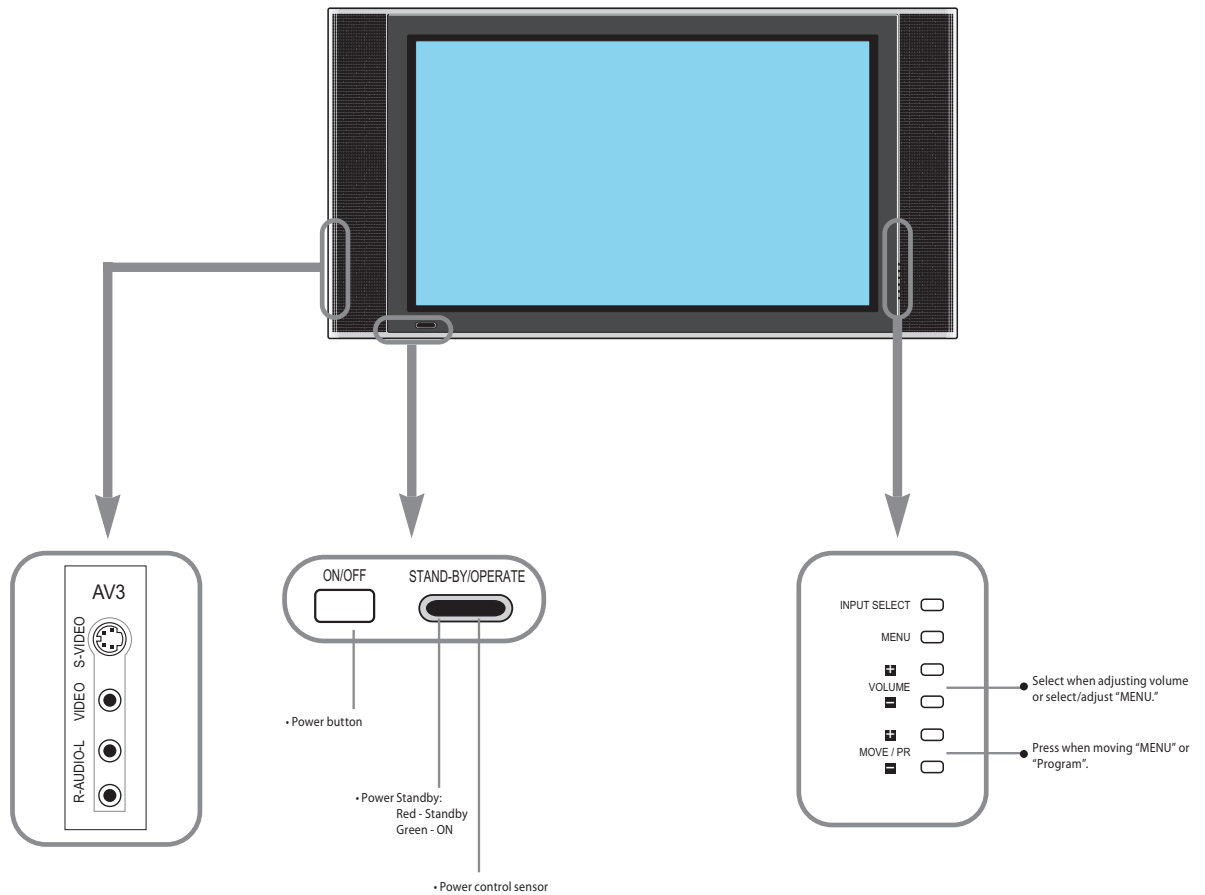
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Panel Controls

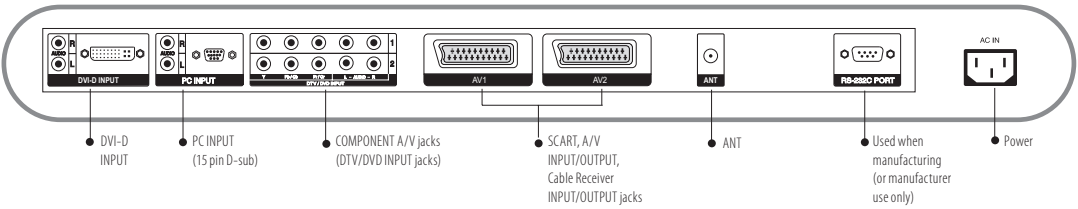
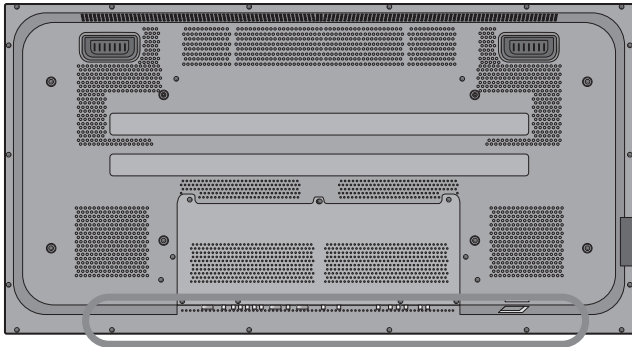
Front Panel, Rear Panel

* Items having the same names on the plasma display and the remote control would function in exactly the same way.

Front / Side



Rear




Remote Control



Note

- Use two "AAA" batteries.
- Be sure to use replacement batteries of the same type as the original ones.
- The life of a battery depends on how much it has been used.

* The number in () indicates the page in which the function of each button is explained in detail.

TV/VCR/DVD/SAT/CATV

19 Channel Number (0-9)
Use to select channel directly (0-9).

58 RECALL
Indicates the current state and resolution.

TV
Press to select TV Mode.

COMPONENT, PC/DVI
Press to select COMPONENT or PC/DVI modes.

20 Menu button
Used to display a main menu.

Previous Program button
It returns to previous channel.

Mute button
Mute sound.

43 Picture Mode button
Whenever pressing the button, it cycles in the following order: Normal - Dynamic - Cinema - User

53 Sound Mode button
Whenever pressing the button, it cycles in the following order: Normal - Movie - Music - News - User

55 Sound Effect button
Press to use a spatial sound effect

Power button 19
Pressing the power button of the TV allows the display to be put in standby. (A red light is shown in the remote control sensor). At this time, if you press the power button of the remote control, the display is turned ON (And shows a green light in the sensor).

Still 50
Used to view a still picture whilst watching moving images.(Sound can be heard.)

AV
Press to select AV modes. It changes in the following sequence AV1 ->AV2 ->AV3

PR button ▲/▼: Adjusts the channel.

Volume button ◀/▶: Adjusts the volume.

Screen Size button 46
Adjusts the size of the screen (16:9, 4:3, Panorama etc.)

Sleep Timer 69
Each time you press this button, a different input mode appears. The sequence is as follows:
15Min. -> 30Min. -> 60Min. -> 90Min. -> 120Min. -> OFF
After the time is selected, the TV automatically goes into a stand-by state.

Teletext Function 70

I - II
- Selects the language during dual language broadcast.
- Selects mono sound during stereo broadcast.

51 PIP Mode Function

VIDEO/DVD Function

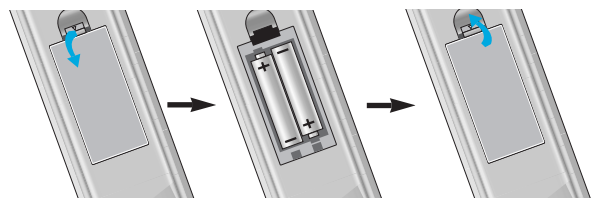
■ When using remote control:

- Be sure not to allow the remote control to drop or to become wet.
- Keep it away from hot or moist locations.



■ Installing the batteries in your remote control:

- Push to open the cover of the remote control
- Put the batteries in the battery cell after checking the polarities, and then shut the cover.



Remote Control Setup

Remote Control supporting the multi brand devices.

- The remote control provided is designed to operate the Daewoo PDP set.
- However, using the remote control, you can control the Cable Converter, VCR , DVD and Satellite Broadcasting Receiver of other brands after setting up the remote control.

Notices:

- All the preset codes are erased when replacing the battery. In this case, you must set the remote control again.
- Some of the products may not be applied because of different signal system.
- This is only for the basic control of the devices.

● HOW TO SET UP THE REMOTE CONTROL FOR USING OTHER DEVICES .

- Turn on the device. (Cable Converter, VCR , DVD or Satellite Broadcasting Receiver)
- Press the device selection button of remote control until it is flickering. It takes about 3 seconds.
- Press the assigned three digits code of the device using number key button of the remote control toward the IR receiver of the device. The code number is provided below. Whenever pressing the number, the device selection button will be flicked once.
- If the code is set properly, the device will turn off automatically. If not, repeat the process 3.
- As the device is turned off, press the flickering device selection button of the remote control once. Then the lamp of the button will be turned off.
- Now, the setting-up of the device can be controlled by Daewoo PDP remote control.

Remote Control Setup Code			
VCR (STANDARD: 002)		SAT (STANDARD: 002)	
Maker (Brand) Name	Code Number (3 digit) List	Maker (Brand) Name	Code Number (3 digit) List
DAEWOO	002 008 060 062 063 067 068	DAEWOO	002
JVC	003 006 009 043 044 046 084 089 111 114 124	PHILIPS	018 031 032
MITSUBISHI	046 052 075 122	SAMSUNG	079
PANASONIC	016 070 087 088 106		
PHILIPS	005 040 042 045 048 049 053 064 078 081 090 108		
SAMSUNG	041 055 056 059 061 065 066 091 095		
SHARP	048 049 057 074		
SONY	047 050 051 076 080		
DVD			
DAEWOO	152 160		
LG	150 168 169		
PANASONIC	157 170		
PHILIPS	155		
SAMSUNG	151 163 16		

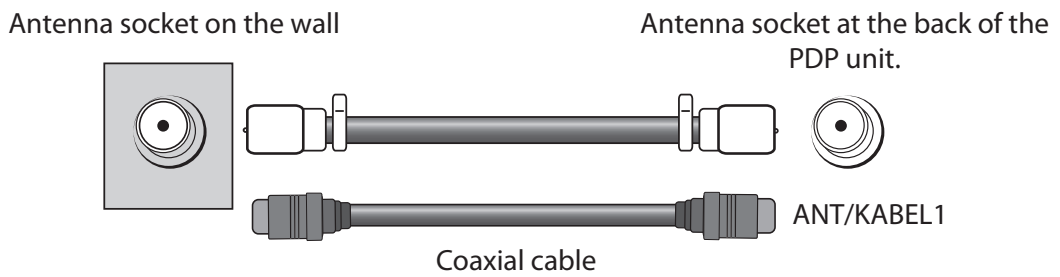
Antenna Connection

CTV Antenna Connection

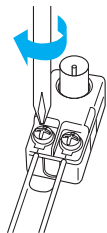
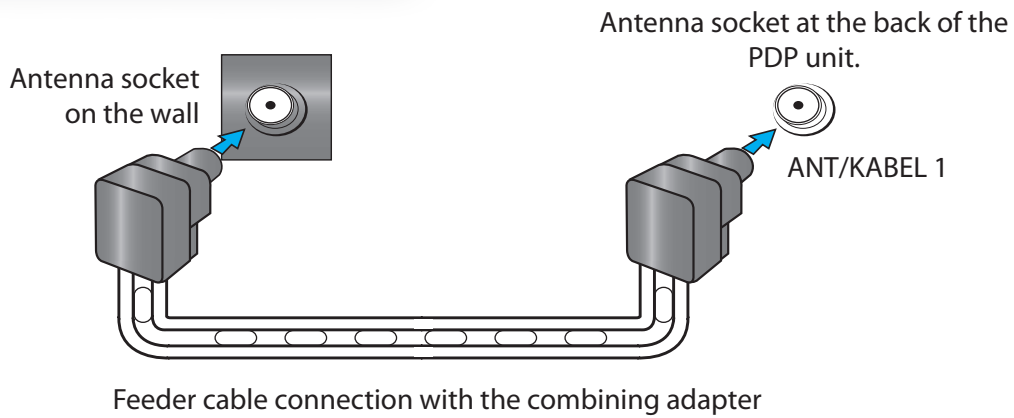
TV antenna installation may be found in most.

When a coaxial cable is used

Plug the coaxial cable to the antenna socket, and fix it firmly.



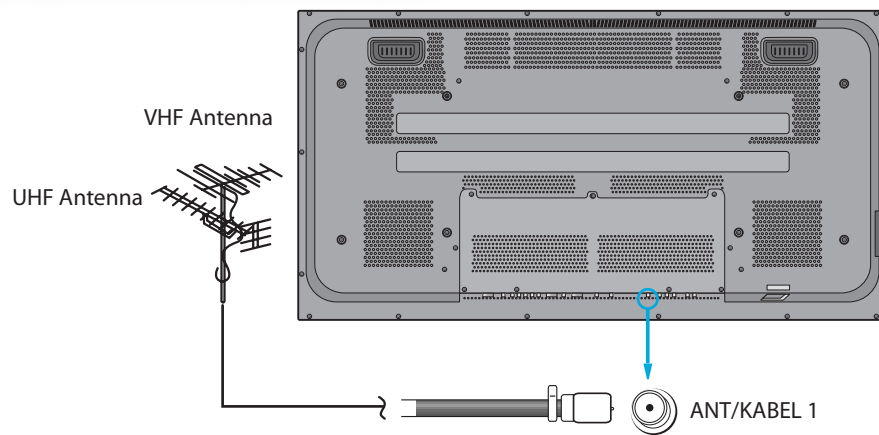
When a feeder cable is used



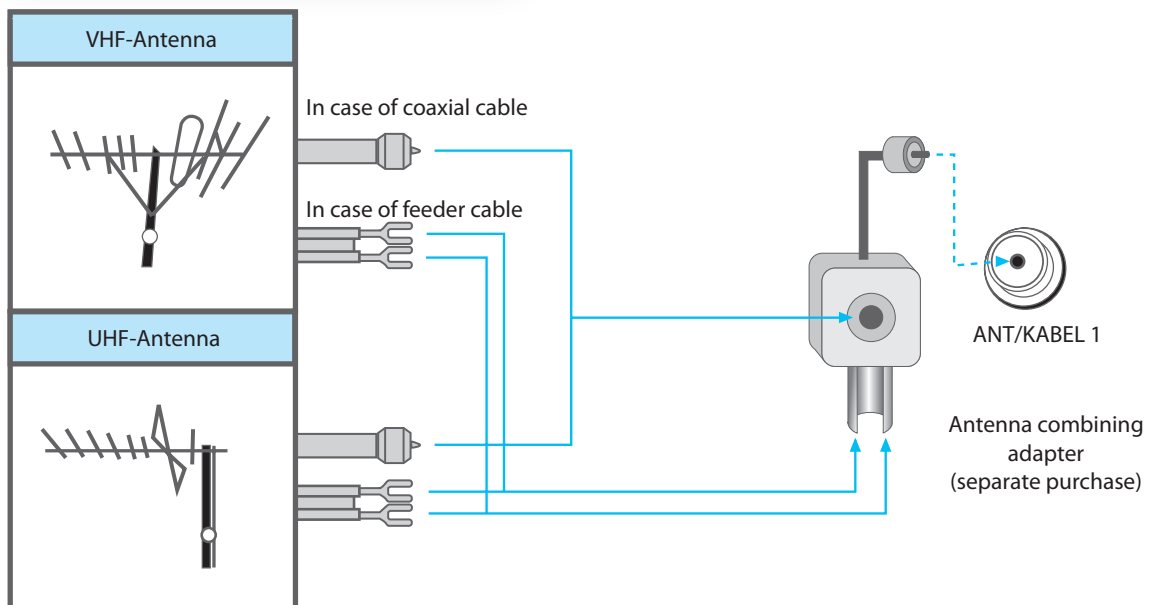
Outdoor Antenna Connection

Outdoor antenna connection-such as VHF or/and UHF-may be necessary for installation at private houses.

Single Antenna Connection.



Separate Antenna Connection.



To Watch TV

To Watch TV

- The buttons on the keypad in the PDP unit, which have the same name as those on the remote control, perform the same function as the remote control.

Press the "ON/OFF" button of the PDP unit.

- The „▼PR▲” or power button of the remote control and the keypad on the PDP unit would be operated only when the „AC Power” of the PDP unit is supplied. Otherwise, neither the remote control nor keypad of the PDP unit can turn on the PDP.

When pressing the program button

- Select two digits if using the number button for Program selection. For example, to watch Program No.9, press the number buttons 0 and 9. If pressing only number 9, it takes more time than pressing two digits for selecting a channel.

To mute the sound

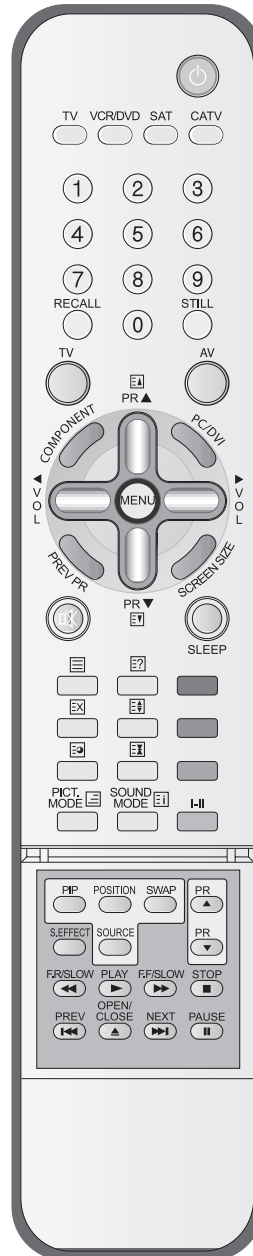
1. Press the „⊙” button.
2. No sound is heard if “MUTE” is displayed on the screen.
3. Sound is heard again if pressing the „⊙” button once again. For example, you can use this button when telephone rings or when guest comes while watching TV.

Check of TV operation status

- If pressing the “RECALL” button, the status of the program or broadcasting being currently watched or entry status of video component is displayed on the screen.

Auto Power Off

- If TV broadcast for the day is finished, the TV will automatically turn off after about 30 minutes. However, if the Off-timer or Sleep timer is operating, it takes precedence. This auto power off feature only operates in the TV mode.



1

Press the "ON/OFF" button.

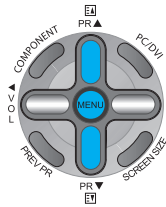


- Press the "ON/OFF" button of the PDP unit.
- The LED of the PDP unit turns red colour.
- Press the "▼ PR ▲", power button of the remote control, or any button on the keypad of the PDP unit.
- The LED of the PDP unit turns "green" colour and the TV turns on.
- To watch analog TV broadcasts, select the correct input, i.e., 'PR' in the on screen display box.



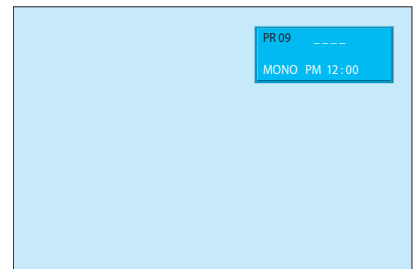
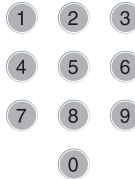
2

Select Program.



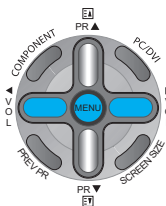
- Select the desired program by pressing the "▼ PR ▲", button or the number button.

Ex) Program 09

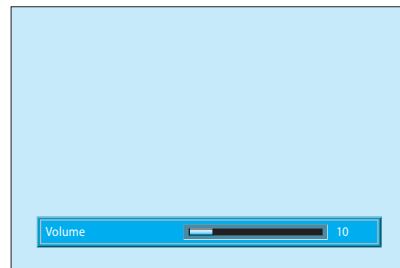


3

Adjust Volume.



- Sound reduces if pressing the "◀VOL" button.
- Sound increases if pressing the "▶VOL" button.

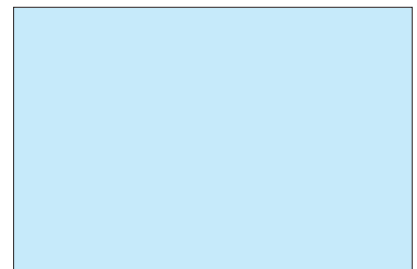


4

Press the "Power" Button to Turn the TV off.



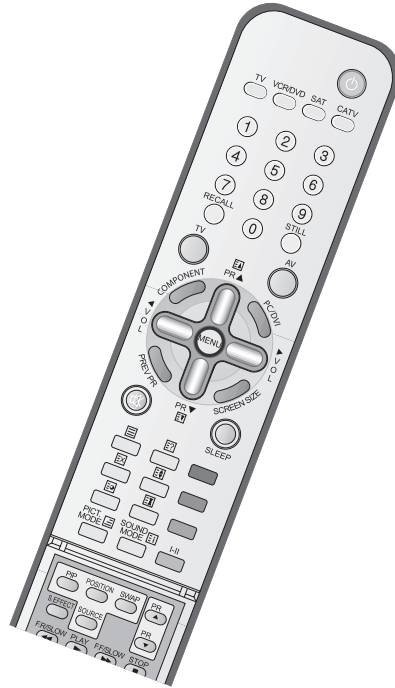
- TV turns off and the LED of the PDP unit changes to red colour.



Install Program

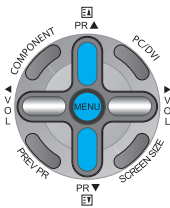
Auto Setup

- This is the function for the TV to memorize the broadcasting channels. If the Auto Setup is done, you can simply find programs with "▼PR▲" buttons and so need not select programs by pressing each program number.
- Up to 100 TV stations can be stored in this set by programme numbers (0 to 99). Once you have preset the stations, you will be able to use the "▼PR▲" button or Number buttons to scan the stations you programmed. Stations can be tuned using "Auto Setup" or "Manual Setup".

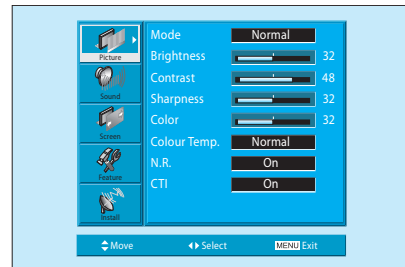


1

Press the "Menu" Button.

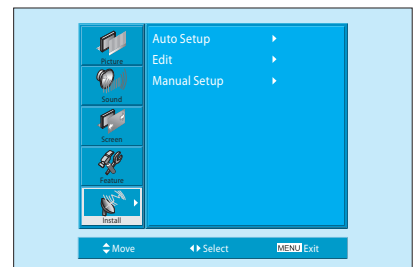
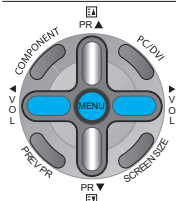


- The menu screen appears as follows.
- Press the "▼PR▲" button and select "Install".



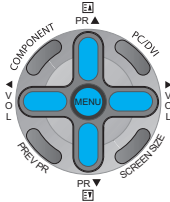
2

Press the "◀ VOL ▶" Button.

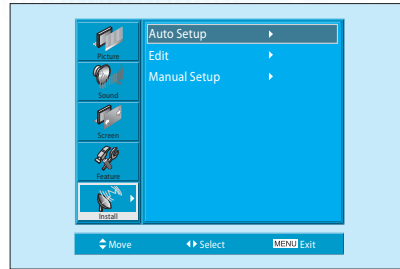


3

Select the "Auto Setup".

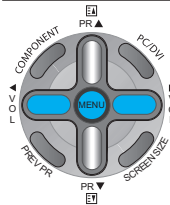


- Select the "Auto Setup" with the "▼PR▲" button.
- Then press the "◀VOL▶" button.

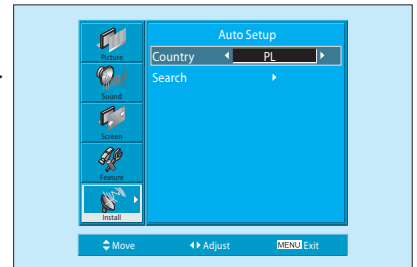


4

Select the "Country".

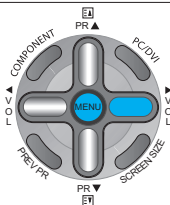


- There are 18 countries for selection. Choose the desired country before starting the search.
- If there is no proper country, select the "Others".

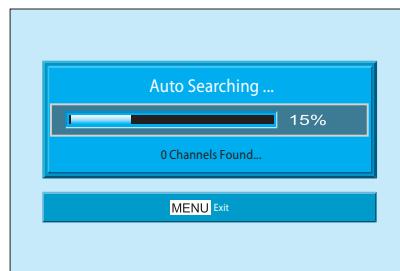


5

Select the "Search".

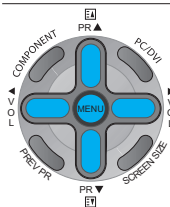


- Press the "VOL ▶" key to start searching.
- Then it automatically searches channels as on the right.
- While searching, if you press the "Menu" button, the automatic channel search is stopped. But, channels searched by that time are saved.

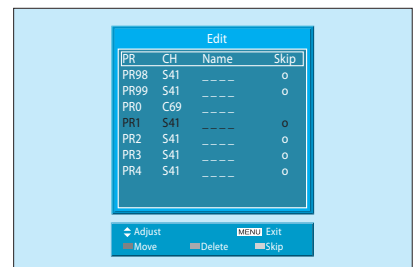


6

Auto Search is completed.



- Edit menu appears as on the right if the search is completed.
- Refer to "Edit" on the following pages.
- The order of stored program may differ among countries.

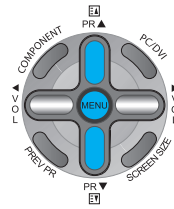


Edit

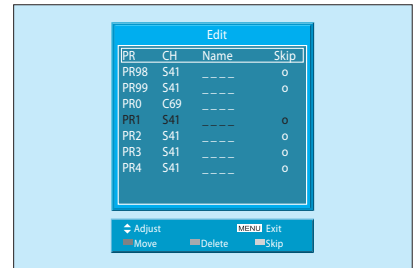
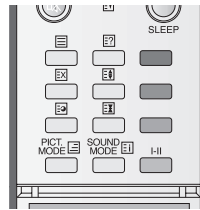


1

Deleting the Program.

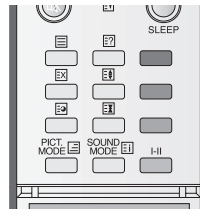


- Place the selection bar on the program that you want to delete using the "▼PR▲" and "◀VOL▶" buttons.
- Press the Delete(Yellow) button.
- The deleted program goes to PR number 99 for recover.



2

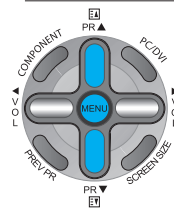
Moving the Program Positions



- Place the selection bar on the program that you want to move.
- Press the Move(Green) button.
- It becomes ready for moving as the colour of selection changes to green.
- Move the program that you desire to move to the wanted PR number.
- Press the Move(Green) button again to finish. The colour of selection changes to yellow.

3

Skipping the Channels

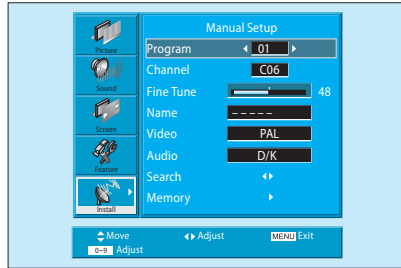
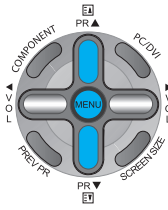


- Using "▼PR▲" and "◀VOL▶" buttons, place the selection bar on the program that you want to skip.
- Press the Skip(red) button.
- The colour of the program changes to red.
- The program will be skipped.
- In order to cancel skip state,press the Skip(red) button again.

Manual Setup

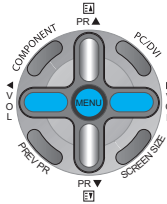
1

Press the Number Buttons(0~9) or the "◀VOL▶" Button to Select a Program Number You Want.

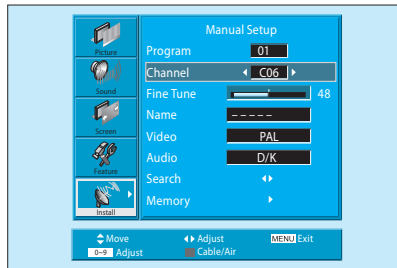


2

Find the Desired Channel.



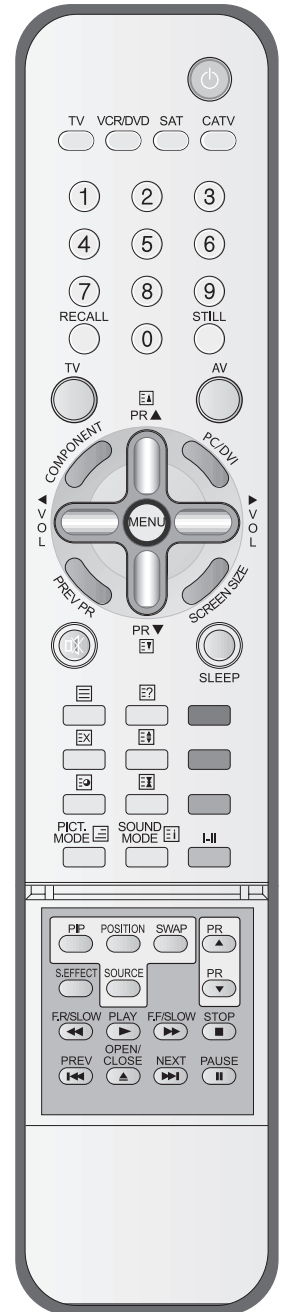
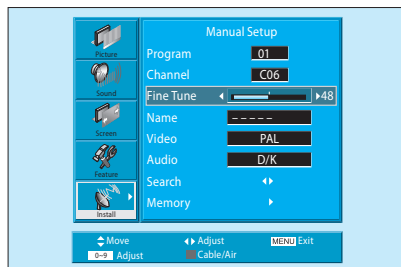
- Using "◀VOL▶" button or number keys, select the desired channel directly, if you know it otherwise step through the numbers using the "VOL▶" button until you find the right channel.
- By pressing red teletext button, you can toggle C channel to S-channel.



3

Fine Tune

- If you are unable to get a good picture or sound because of a poor signal reception, it is possible to adjust it with the Fine Tune feature.
- Move the selection bar to Fine Tune and press the "◀VOL▶" buttons to activate Fine Tune up or down.
- Note that it operates while the "◀VOL▶" button is being pressed.
- It will be saved only when you select "OK" in Memory.

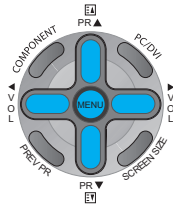


Manual Setup

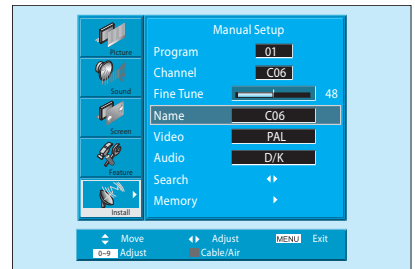


4

Name the program

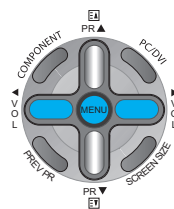


- Using "◀VOL▶" button, move the position where you want to write the character.
- Select the desired character with the "PR" button.
- There are A-Z, +, ,, /, and 0-9 characters.
- After naming, you can exit by pressing the "Menu" button.

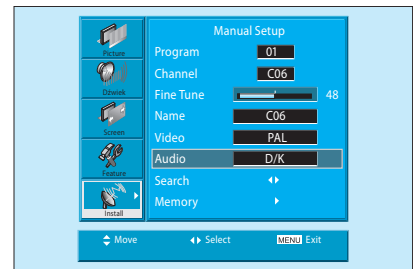
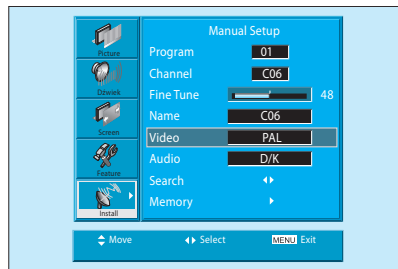


5

Select the Video and Audio System.

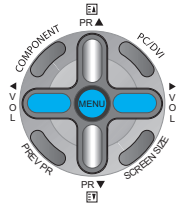


- You can select the Video (PAL, SECAM, SECAM-L) and Audio (B/G, DK, I, L) System with these functions.

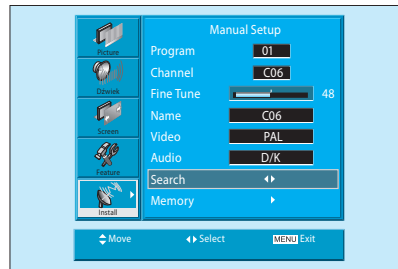


6

Find the Desired Channel with 'Search'.

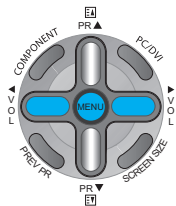


- By selecting the Search function, you can find the desired channel, but it searches only one channel unlike Auto Setup.
- If the nearest channel is found, the searching would be stopped automatically.

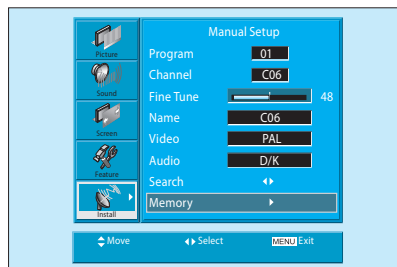


7

Memorize the Program.



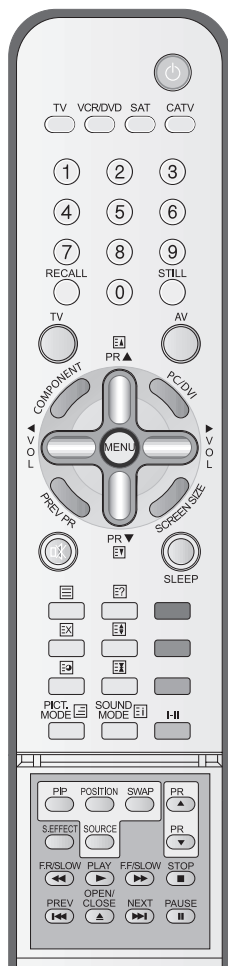
- Without Memorizing, the program will not be saved.
- Press "◀VOL▶" buttons to memorize the program after selecting 'Memory'. "OK" will flash green.



Watching Digital Broadcasts

Watching Digital Broadcasts

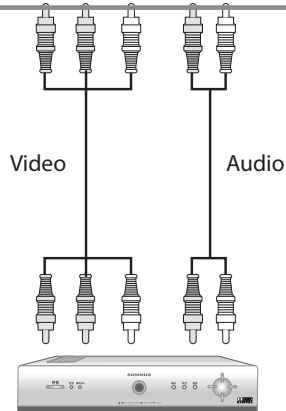
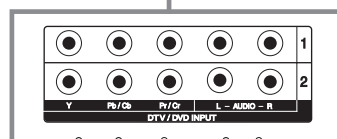
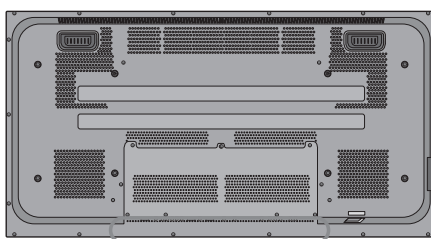
- To watch digital broadcasts:
 - Purchase a separate Digital Broadcasting Receiver (SET-TOP BOX)
 - Connect the PDP to a Digital Broadcasting Receiver as shown right.



1

Connect a Digital Broadcasting Receiver to the PDP

- Prepare A/V cables.
- Connect the cables from the digital TV Receiver output terminal to the PDP (Component 1, 2) input terminal.
- When connecting the cables, be sure to match the cable colours.



Digital Broadcasting Receiver (Set-Top Box)

2

Press the Power Buttons



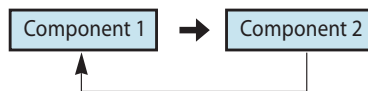
- Turn the PDP and the receiver ON.

3

Input Select



- Select [Component 1 or Component 2] by pressing the “COMPONENT” button of the remote control or using the “INPUT SELECT” button of the PDP unit.
- Each time you press the “COMPONENT” button, different input modes appear. The sequence is as follows:



- N.B.: You cannot select component inputs if the picture in picture mode is on.

4

Select the Desired Channel and Function

- Select the desired channel and function by using the remote control of the Digital Broadcasting Receiver.



NOTES:

- 1) Possible digital broadcasting signals: 1080i, 720p, 576p, 480p.
- 2) Antenna connection:
Apartment : Check if communal aerial receives digital broadcasts.
Private Houses: Set the indoor/outdoor UHF antenna to the direction of the digital broadcasting transmitting company.
- 3) For detailed connection method, refer to the owner’s manual of Digital Broadcasting Receiver.
- 4) What is a component? : Signals with which luminance and chrominance are separated, producing a sharp picture.
- 5) If the Digital Broadcasting Receiver has PC output terminal or DVI output terminal, connect to ‘PC INPUT’ or ‘DVI INPUT’ at the rear of the panel of the PDP.

Watching Cable Broadcasts

Watching Cable Broadcasts

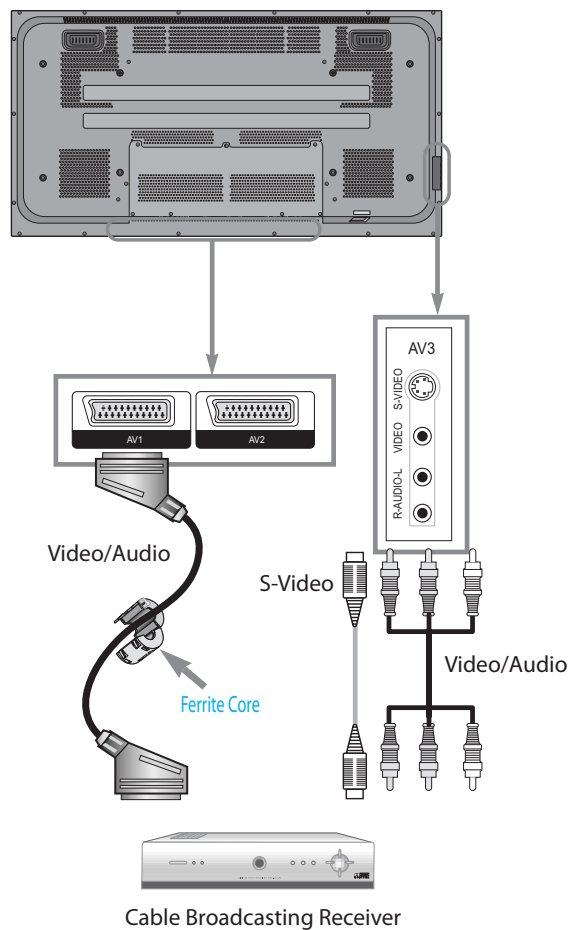
- To watch cable broadcasts, subscribe to your local cable TV broadcasting, and then connect a cable Broadcasting Receiver to the PDP as shown right.



1

Connect a Cable Broadcasting Receiver to the PDP.

- Prepare the A/V cable.
- Connect the receiver(Output) to PDP(Video Input) as shown below.
- While using the scart cable for connection, put the ferrite core to the middle of the cable to prevent EMI (Electro Magnetic Interference).



- N.B.: When using the AV3 input, there is no need to use both as S-Video will always take precedence on this input but you must have the right and left audio leads connected to produce sound when using S-Video.

2

Press the Power Buttons



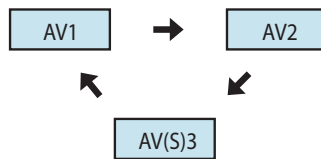
- Turn the PDP and the receiver ON.

3

Input Select



- Select [AV 1(Scart), AV 2(Scart) or AV3(S-Video)] by pressing the [AV] button of the remote control or the "INPUT SELECT" in keypad of the PDP unit.
- Each time you press the [AV] button, different input modes appear. The sequence is as follows:



- N.B.: An S-Video input into AV3 will take precedence over the normal yellow video lead so no need to utilise this if S-Video lead is used but you must still use the right and left audio leads to produce sound.

4

Select the Desired Program and Function

- * Select the desired program and function by using the remote control of the Cable Broadcasting Receiver.



NOTES:

- 1) If your local cable company re-transmits digital broadcasts, you may watch normal broadcasts and digital broadcasts simultaneously. For detailed information, refer to your local cable company.
- 2) A/V OUT OF SCART TERMINAL will provide with TV signal output of the selected channel.

Watching Satellite Broadcasts

Watching Satellite Broadcasts

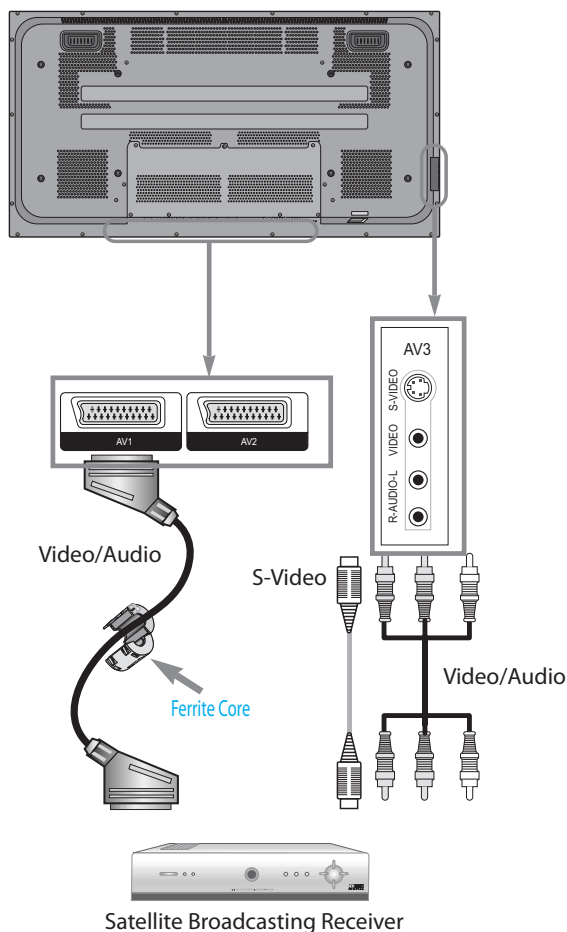
- To watch satellite broadcasting, subscribe to Digital Satellite Broadcasting, then connect the satellite Broadcasting Receiver to the PDP as shown right.



1

Connect a Satellite Broadcasting Receiver to the PDP.

- Prepare the A/V cable.
- Connect the receiver(Output) to PDP(Video Input) as shown below.
- When connecting to an external AV source, be sure to match the colours.
- If using the scart cable for connection, put the ferrite core to the middle of the cable for preventing EMI.



- N.B. : If using AV3 then S-Video takes precedence so no need for video lead if S-Video lead used the audio leads must still be used to produce sound.

2

Press the Power Buttons



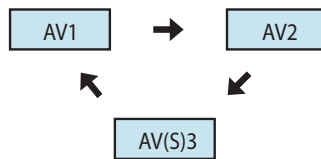
- Turn the PDP and the Satellite receiver ON.

3

Input Select



- Select [AV 1(Scart), AV 2(Scart) or AV3(S-Video)] by pressing the [AV] button of the remote control or the "INPUT SELECT" in keypad of the PDP unit.
- Each time you press the [AV] button, different input modes appear. The sequence is as follows:



4

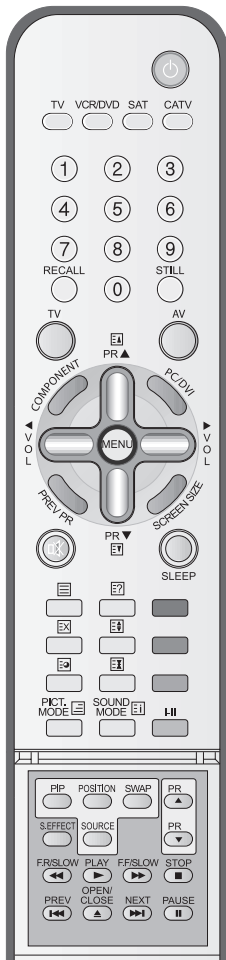
Select the Desired Program and Function

- Select the desired program and function by using the Remote Control of the Satellite Broadcasting Receiver.

Watching a DVD Image

Watching a DVD Image

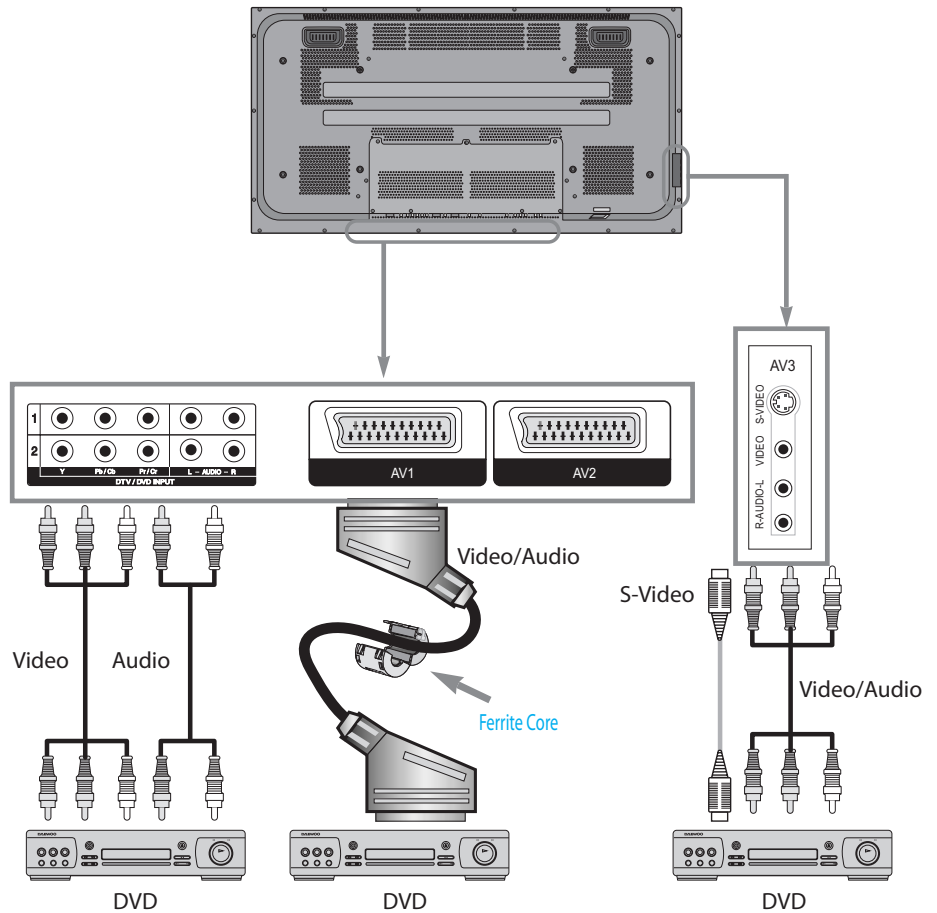
- Component Input is set to 480i/576i and 480p/576p mode.
- Connect the cable from the DVD Video output (Y, Pb/Cb, Pr/Cr) to the Component Input at the back of PDP, and connect the cable from DVD audio output (Left, Right) to the Audio Input at the back of PDP.



1

Connect a DVD Player to the PDP.

- Prepare the AV cable.
- Connect the DVD(Output) to the PDP(Component or Video Input) as shown below.
- When connecting to an external AV source, be sure to match the colours.
- If using the scart cable for connection, put the ferrite core to the middle of the cable for preventing EMI.



- N.B. : Video input can be via scart cable S-Video lead or yellow phono jack. The red and white plugs are for left and right audio to accompany the yellow video lead or to be used with the S-Video lead to produce sound.

2

Press the Power Buttons

- Turn the PDP and the DVD ON.



3

Input Select

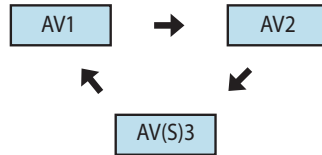


- Select [Component 1 or Component 2, AV1(Scart), AV2(Scart) or AV3(S-Video)] by pressing the [COMPONENT] or [AV] button of the remote control or the "INPUT SELECT" in keypad of the PDP unit.
- Each time you press the [COMPONENT] or [AV] button, a different input mode appears. The sequence is as follows:

• [COMPONENT] button



• [AV] button



4

Select the Desired Title and Function

- Select the desired title and function by using the remote control of the DVD.



NOTES:

- 1) Y/Cb/Cr, which stands for component video DVD player's output can also be written as Y/B-Y/R-Y, Y/Pb/Pr depending on the kinds of DVD model.
- 2) The way of connecting the DVD to the PDP is as follows:
Y <----> Y Cb <----> Pb, B-Y, Cr <----> Pr, R-Y
- 3) The DVD output can be Video, S-Video or Component Video depending on the DVD model. There are various output modes, so be sure to check when you purchase it.
- 4) When connecting S-Video and Video simultaneously, only SVideo will be displayed on the screen as it takes precedence.

Watching a VCR Image

Watching a VCR Image

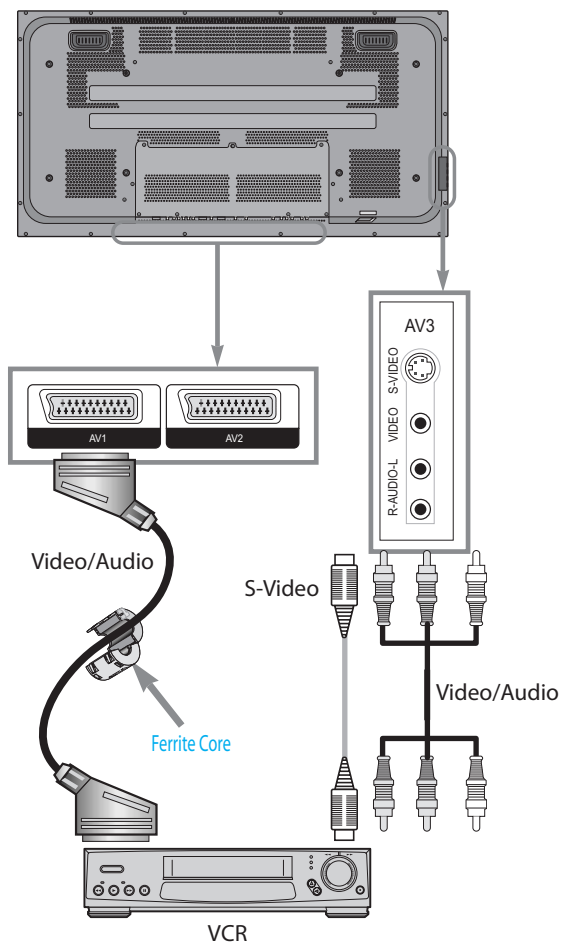
- Video can use either the video terminal or the S-video terminal.



1

Connect a VCR to the PDP.

- Prepare the AV cable.
- Connect the Video(Output) to PDP(Video Input) as shown below.
- If using the scart cable for connection, put the ferrite core to the middle of the cable for preventing EMI.



2

Press the Power Buttons

Turn the PDP and the VCR ON.

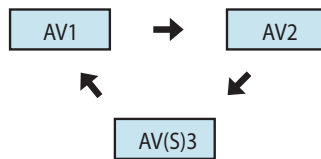


3

Input Select



- Select [AV 1(Scart), AV 2(Scart) or AV 3(S-Video)] by pressing the [AV] button of the remote control or the "INPUT SELECT" in keypad of the PDP unit.
- Each time you press the [AV] button, different input modes appear.
The sequence is as follows:



4

Select the Desired Title and Function

- * Select the desired title and function by using the remote control of the VCR.



NOTES:

- 1) When connecting a VCR the S-Video terminal provides a better image than the Video terminal.
- 2) When connecting to the Video terminal, connect 3 colour AV cables (video, left audio, right audio) to the PDP; for the SVideo terminal, connect the Audio terminal (Left, Right) in the same way, and connect the S-Video cable (sold separately).
- 3) When connecting the Video terminal and the S-Video simultaneously, the S-Video terminal is selected. This can be checked by the [Recall] button of the remote control.

Watching a Camcorder/Game Console Image

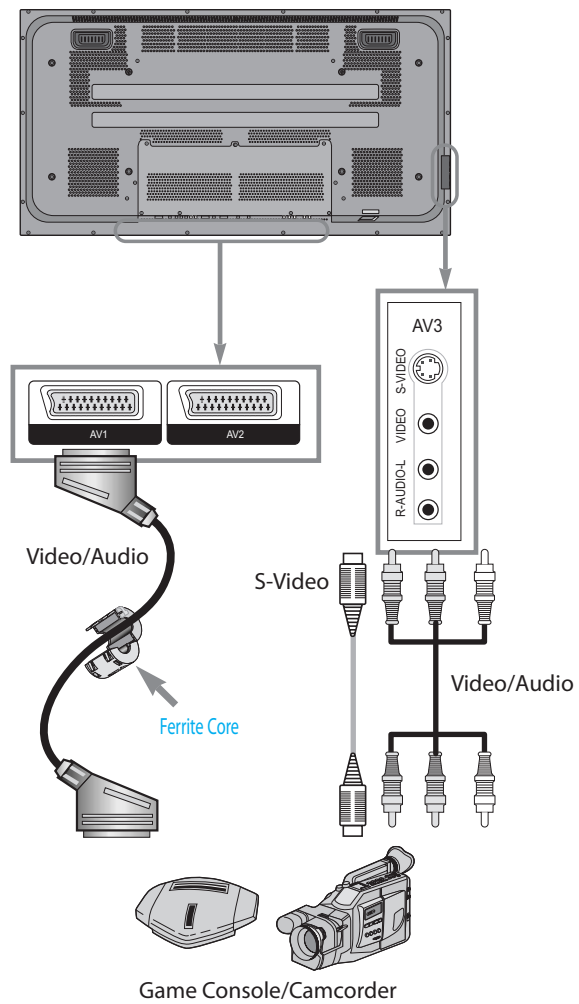
Watching a Camcorder/Game Console Image

- Enjoy images recorded by camcorder or the game console after connecting to the



1 Connect a Camcorder/Game Console to the PDP.

- Prepare the AV cable.
- Connect the Video(Output) to the PDP(Video Input) as shown below.
- When connecting to an external AV source, be sure to match the colours.
- If using the scart cable for connection, put the ferrite core to the middle of the cable for preventing EMI.



2 Press the Power Buttons

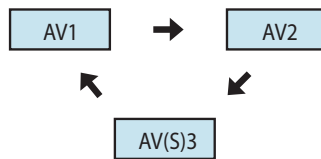
- Turn the PDP and the Camcorder/Game Console ON.

3

Input Select



- Select [AV 1(Scart), AV 2(Scart) or AV 3] by pressing the [AV] button of the Remote Control or the "INPUT SELECT" in keypad of the PDP unit.
- Each time you press the [AV] button, different input modes appear. The sequence is as follows:



4

Select Function

- Select the function by using the remote control of camcorder or game console.



NOTES:

- 1) When connecting the device, the S-Video terminal provides a better image than the Video terminal.
- 2) When connecting to the Video terminal, connect 3 colour AV cables (video, left audio, right audio) to the PDP; for the SVideo terminal, connect the Audio terminal (Left, Right) in the same way, and connect the S-Video cable(sold separately).
- 3) If connecting via component video, refer to "Watching a DVD Image" on page 32-33.

Connecting PC(15pin D-sub)

Connecting PC

- This product supports resolutions of VGA, SVGA, XGA.
- Before connecting a PC to the PDP, be sure to adjust the resolution of the PC.

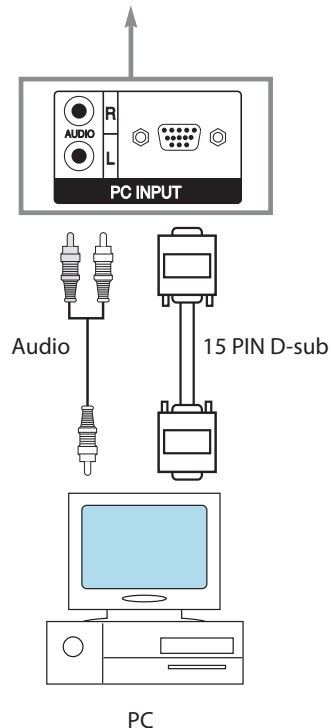
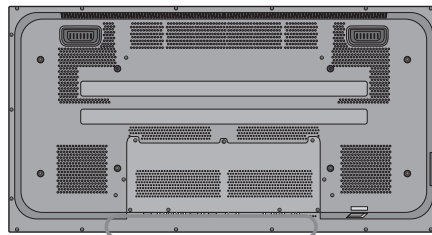


1 Before Connecting to the PDP, Set the Resolution of the PC.

- Go to SETUP-CONTROL PANEL-DISPLAY PROPERTIES in Window Screen of the PC.
- Choose the SETTINGS tab in the DISPLAY menu.
- In the SETTINGS menu, select 640 x 480 or 800 x 600.

2 Connect the PC to the PDP.

- Prepare the PC cable (D-sub 15pin) and the PC audio cable.
- Connect the PC(Output) to the PDP(Input) as shown below.



3

Press the Power Buttons.

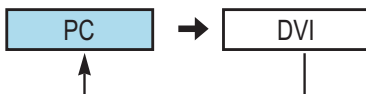
- Turn on the PDP and the PC.

4

Input Select



- Select [PC] by pressing the [PC/DVI] button of the remote control or PDP unit.
- Each time you press the [PC/DVI] button, a different input mode appears. The sequence is as follows:



- N.B. : You cannot select PC or DVI if the picture in picture mode is on.

5

Enjoy Dynamic Ultra Screen Monitor by Using PC's Keyboard or Mouse.



NOTES:

- 1) The resolution of the PC monitor is the best at 640 x 480 (VGA).
- 2) If there is a [Vertical Frequency] setting menu in the [Display] menu of the PC, adjust the frequency to 60Hz.
- 3) If the PC resolution is too high, it may be hard to read letters. Select a suitable resolution.
- 4) If the picture don't fit with the size or position of the screen, select the [Auto] function in the Screen Menu in order to make fit automatically. Also, you can adjust the position of the picture with [H.position] and [V.position] functions manually.

Connecting PC(DVI)

Connecting PC

- This product supports resolution of VGA, SVGA, XGA.
- Before connecting a PC to the PDP, be sure to adjust the resolution of PC.
- This product is supported by Plug and Play only at DVI.

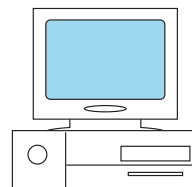
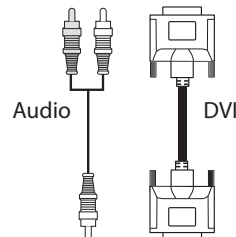
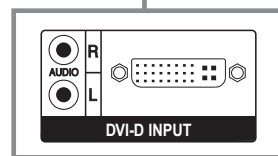
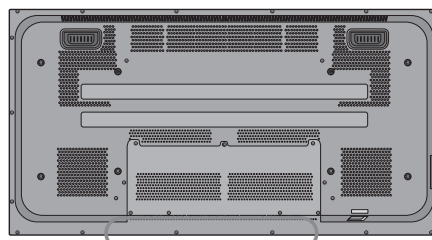


1 Before Connecting to the PDP, Set the Resolution of the PC.

- Go to SETUP-CONTROL PANEL-DISPLAY PROPERTIES in Window Screen of the PC.
- Choose the SETTINGS tab in the DISPLAY menu.
- In the SETTINGS menu, select 640 x 480 or 800 x 600.

2 Connect the PC to the PDP.

- Prepare the DVI cable and the PC audio cable.
- Connect the PC(Output) to the PDP(Input) as shown below.



PC

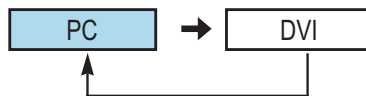
3 Press the Power Buttons.

- Turn on the PDP and the PC.

4 Input Select



- Select [DVI] by pressing the [PC/DVI] button of the remote control or the Input button on the PDP unit.
- Each time you press the [PC/DVI] button, a different input mode appears. The sequence is as follows:



- N.B. : You cannot select PC or DVI if the picture in picture mode is on.

5 Enjoy Dynamic Ultra Screen Monitor by Using PC's Keyboard or Mouse.



NOTES:

- 1) The resolution of the PC monitor is the best at 640 x 480 (VGA).
- 2) If there is a [Vertical Frequency] setting menu in the [Display] menu of the PC, adjust the frequency to 60Hz.
- 3) If the PC resolution is too high, it may be hard to read letters. Select a suitable resolution.
- 4) DVI input port receives only digital signal.
- 5) Depending on the graphic card when plugged or unplugged the DVI connection the screen may not display correctly. Restart the computer if this happens.

PC and DVI Input Resolution Available in PDP

- Depending on graphic card, problems like no signal detected or line noises can happen. If these problems happen, contact the graphic card company for help.

Resolution	H Freq. (KHz)	V Freq. (Hz)	Remark	DVI	PC
640x400	37.861	85.080	VESA		○
640x480	31.469	59.940	DOS	○	○
	37.861	72.809	VESA	○	○
	37.500	75.000	VESA	○	○
	43.269	85.061	VESA	○	○
720x400	31.469	70.087	IBM	○	○
	37.927	85.039	VESA		○
800x600	35.156	56.250	VESA	○	○
	37.879	60.317	VESA	○	○
	48.077	72.188	VESA	○	○
	46.875	75.000	VESA	○	○
	53.674	85.061	VESA	○	○
1024x768	48.363	60.004	VESA	○	○
	56.476	70.069	HP & VESA	○	○
	60.023	75.029	VESA	○	○
	68.677	84.997	VESA		○



Selecting Picture Mode

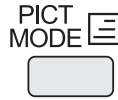
Selecting Picture Mode

- Select the Picture mode that is appropriate depending on the kinds of pictures, you enjoy.



1

Selecting Picture Mode



- Press the [PICTURE MODE] on the remote control.
- While pressing the [PICTURE MODE] for the first time, the current picture mode will be displayed.

2

Each Press of the Button Will Select One of Four Picture Modes.



- Each time you press the button, a different picture mode appears. The sequence used is as follows:



- * *Normal* : For a highly defined image in a normally bright room
- * *Dynamic* : For a clear-cut image emphasizing high contrast for sports viewing
- * *Cinema* : For a movie
- * *User* : Allows the user to customise settings as desired.

3

Menu on the Screen will disappear.

- After selecting a desired picture mode, the menu on the screen will disappear.
- If you want to customise the picture modes, refer to the following page.

NOTES:

- 1) Normal, Dynamic, and Cinema modes are factory preset values.
- 2) When adjusting sub-menus while you are in Normal, Dynamic, and Cinema modes, the Picture Mode will be automatically converted to User Mode, and the adjustments will be made.
- 3) Selecting [Initialise] in the [Features], menu will allow the Brightness, Contrast, etc. to return to the factory preset values.

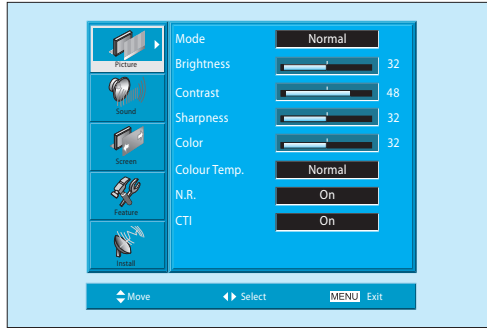
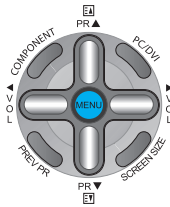


Customising Picture

1

Press the MENU Button.

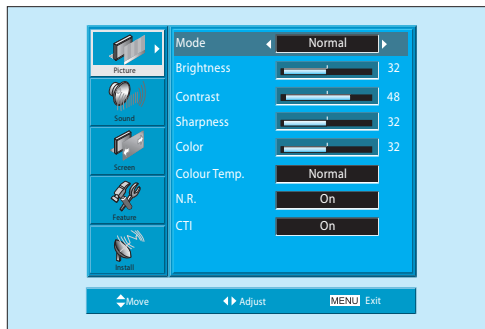
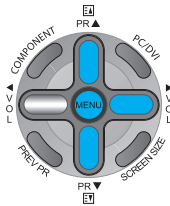
- The MENU shown below will display on the screen.



2

Press the ▼PR▲ Button.

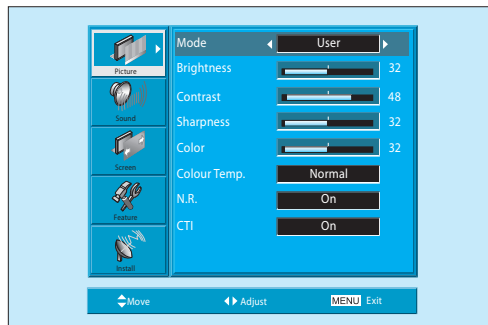
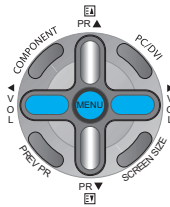
- After selecting [Picture] by the “▼PR▲”, buttons, press the “VOL▶” button. Then the sub menu of [Picture] will be displayed.



3

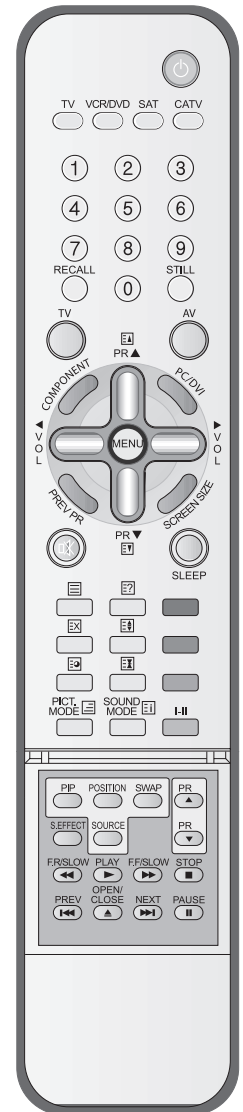
Select the User Mode.

- Select [User] by the “◀VOL▶” buttons in the [Mode].



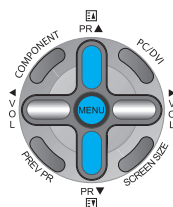
Customising Picture

- You can adjust the colour tone and brightness to your preference.

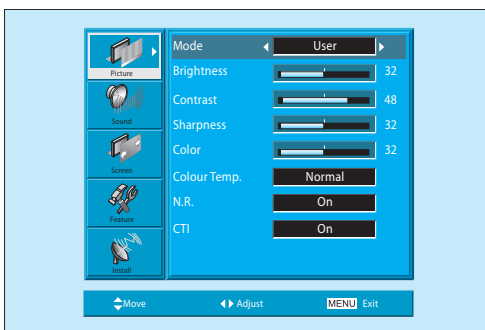


4

Select User Mode Adjustments

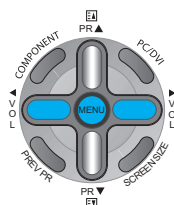


- While you are in [Picture Mode – User], press the “▼ PR ▲” buttons to select a specific adjustment item.



5

Picture Condition Adjustments



- Press the “◀ VOL ▶” buttons to adjust the picture of your preference.
- N.R. and CTI function adjust the noise reduction and color resolution level of picture respectively.



NOTES:



- 1) While you are in the PC or DVI input mode, you can only adjust brightness, contrast and colour temperature.
- 2) When you adjust Brightness, Contrast, and Colour in DTV mode or adjust Brightness and Contrast in PC and DVI mode, the picture is adjusted finely.
- 3) The Tint control is used when the input signal is NTSC or Component. If input signal is NTSC, Tint control is displayed in picture menu.
- 4) Selecting the colour temperature makes the mood : normal, warm or cold.

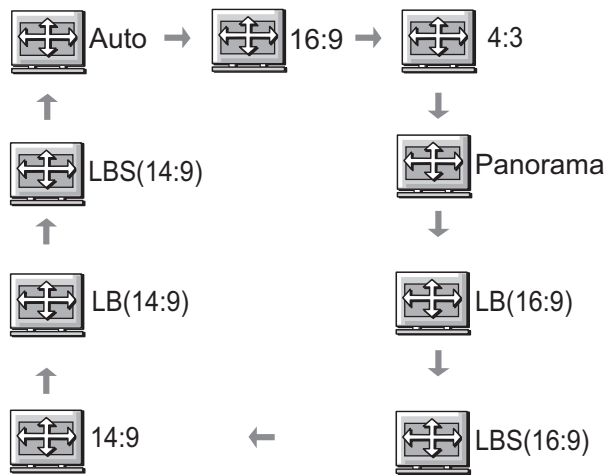
Adjusting Screen

1

Press the SCREEN SIZE Button.



- The current screen size will be displayed on the screen.
- Each time you press the SCREEN SIZE button on the remote control, a different screen size appears. The sequence used is as follows in case of AV and TV modes :



• N.B. : You cannot select screen size if the picture in picture mode is on.

NOTES:

- 1) Displaying a picture in a 4:3 mode for a long time may cause phosphor of the PDP to be burned. So avoid displaying a picture in 4:3 screen size for a long time.
- 2) Under Component, PC and DVI inputs, only 16:9, 4:3 and panorama are available.
- 3) Auto : Displays pictures of original picture size.
 16:9 : 16:9 picture formats
 14:9 : 14:9 picture formats
 4:3 : 4:3 picture formats like an analog TV
 Panorama : 16:9 picture formats with panorama effect
 LB : Enlarges the screen as to fill the black part above and below the picture.
 LBS : Enlarges the screen, and shifts up as to see the subtitles in case you are watching video with subtitles.

Adjusting with Screen Size button

- You can adjust screen size or aspect ratio as desired.



Adjusting Screen in the MENU

Adjusting Screen

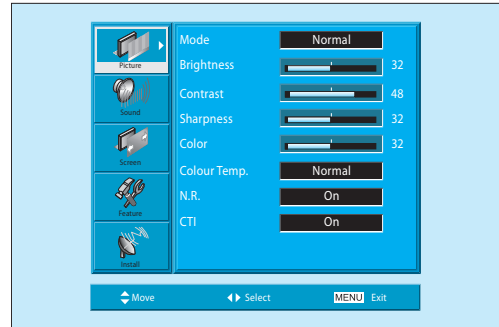
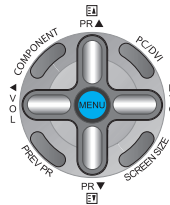
- You can adjust the screen in the menu.



1

Press the MENU Button.

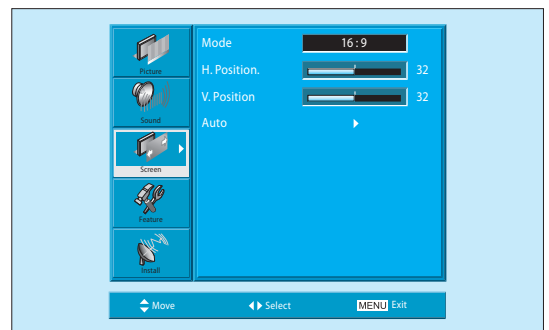
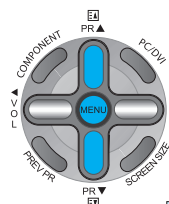
- The MENU screen as shown below will appear.



2

Press the "▼PR▲" Button.

- Press the "▼PR▲" buttons to select 'Screen'.

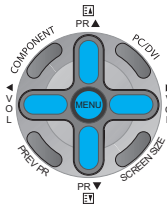


< In case of PC input >

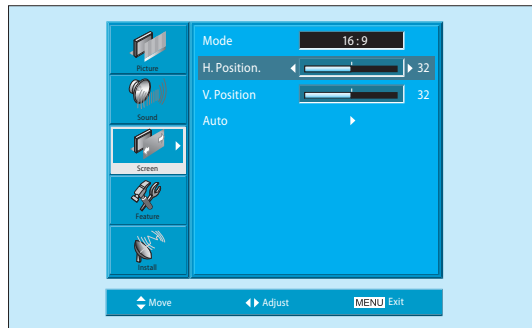
Adjusting Screen in the MENU

3

Press the Volume "◀VOL▶" Buttons.



- Press the Volume "◀VOL▶" buttons to enter the sub menu "Screen".
- While you are in 'Screen' menu, press the "▼PR" or "PR▲" button to select a desired item, and then, adjust the value by pressing the "◀VOL" or "VOL▶"



< In case of PC input >



NOTES:

- 1) Screen Menu is different according to the input modes.

Input	Available Screen Mode
AV / TV	16:9, 4:3, Panorama, LB(16:9), LBS(16:9), 14:9, LB(14:9), LBS(14:9), Auto
Component, PC, DVI	16:9, 4:3, Panorama

- 2) Other Screen adjustments

< Under PC mode >

[H. Position] : As the value increases, the screen moves to the right.

[V. Position] : As the value increases, the screen moves up.

[Auto] : Adjusting automatically the screen to optimum states.

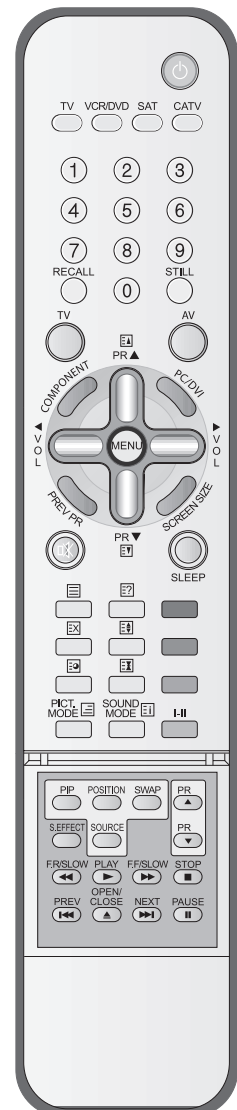
< Under PIP mode >

[PIP Size] : Adjusting the size of the sub-picture.

[Alpha Blend] : Adjusting the translucent rate of the subpicture.

Screen Mode Function

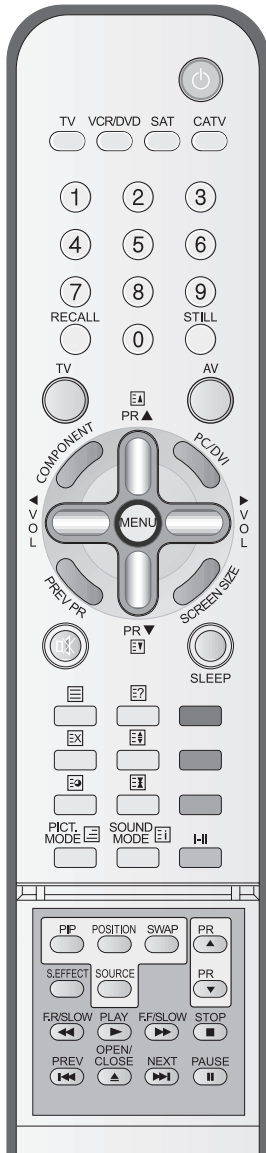
- This function is same to the [Screen Size] of remote controller.



Watching a STILL Image

Watching a Still Image

- You can view still images with this function. However, displaying the same images such as still images for a long time may cause image burn.



1

Press the "STILL" Button.



- If you wish to freeze a picture, press the "STILL" button. You can still hear the sound.
- Press "STILL" button again to cancel the "STILL" function.



NOTES:

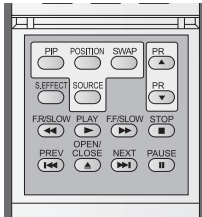
- 1) Displaying the same images such as still images for a long time may cause image burn (after-image lagging).
- 2) In this case, such "image burn" may become less noticeable if moving images are later displayed for a long time.
- 3) However, an image burn may become a permanent one, damaging the Plasma Display; therefore, avoid displaying the same images for a long time.
- 4) Use the function [ISM], while displaying still images for a long period of time to minimize this effect. ISM (on or off) is in the Feature menu.

Watching Two Pictures Simultaneously

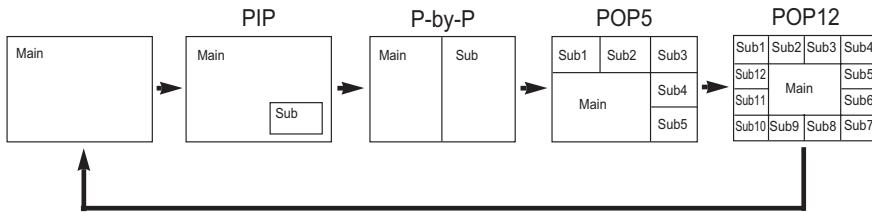
- PIP (Picture-in-Picture) and P-by-P (Picture-by-Picture) modes allow users to watch two pictures simultaneously. POP mode is used in searching memorized 5 or 12 channels.

1

Engaging PIP mode



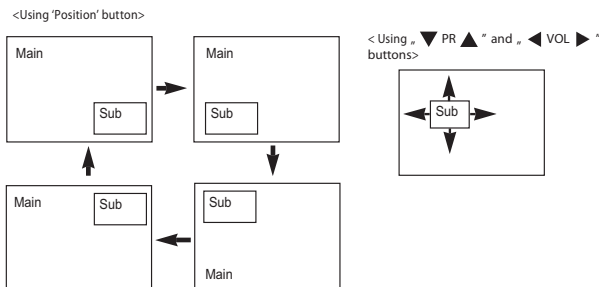
- Press the 'PIP' button once on the remote control to engage the Picture-in-Picture mode.
- By pressing the button repeatedly, it will show the following cycle.
- If switched to P-by-P (Picture-by-Picture) mode, the screen will be split in half. The screen on the left side is the main picture, and the sub-picture will be on the right of the screen.



2

Position of the Sub-picture

- When PIP mode is engaged, the sub-picture can be displayed in one of the four corners by using 'POSITION' button.
- Whenever pressing the button, the sub-picture will be cycling in the following order.
Also, using "▼PR▲" and "◀VOL▶" button, the sub-picture can be moved to any position you want.



3

Swap the pictures

- In order to swap between the main picture and sub-picture, press the 'SWAP' button.
- However, at POP5 and POP12, the pictures are not swapped. Main picture will change to the active sub-picture.
- Also, only TV channels are available for the sub-pictures of POP5 and POP12. The sub-pictures search channels continuously until POP mode is exited.

Screen Adjustment of the Sub-picture

- Size and Alpha Blend of the subpicture can be adjusted on Screen Menu of OSD.
- These functions are available only in PIP Mode.

Pip Size

Adjusting the size of the sub-picture with "◀VOL▶" buttons.

Alpha Blend

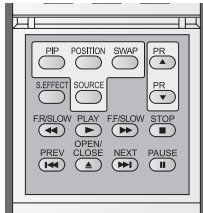
The adjustment of alpha blend allows the sub-picture to be translucent. The translucent rate is controlled with "◀VOL▶" buttons.

Watching Two Pictures Simultaneously



4

Select the program

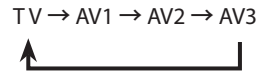


- Using program Up/Down buttons (PR ▼ / PR ▲), you may select the desired channels for sub-pictures.
- The PR Up/Down buttons select the TV channels.

5

Select the Input Source

- Various signal sources can be displayed within the sub-picture under PIP mode.
- Once the PIP mode is on, you may change the input source of the sub-picture by pressing the 'SOURCE' button.
- Pressing the 'SOURCE' button repeatedly will cycle through following order.



6

Available PIP Input Combinations

- Main-picture and sub-picture input combinations

PIP	MAIN	TV (MAIN)	AV1 (CVBS)	AV2 (CVBS)	AV3	S-VIDEO	AV1 (RGB)	AV2 (RGB)
TV (MAIN)		○	○	○	○	○	○	○
AV1 (CVBS)		○	×	○	○	○	×	○
AV2 (CVBS)		○	○	×	○	○	○	×
AV3		○	○	○	×	×	○	○
S-VIDEO		○	○	○	×	×	○	○
AV1 (RGB)		×	×	×	×	×	×	×
AV2 (RGB)		×	×	×	×	×	×	×

Adjusting Auto Sound Mode

1

Select "SOUND MODE".



- Press the "SOUND MODE" on the remote control.
- While pressing the "SOUND MODE" for the first time, the current sound mode will be displayed.

2

KEvery Press of the Button Changes Modes.



- Each time you press the button, a different sound mode appears. The sequence used is as follows:



- * Normal : Suitable for watching any motion picture
- * Movie : Select this mode to simulate being at a movie theatre
- * Music : Ideal for listening to music
- * News : Allows human voice to be heard more clearly
- * User : Allows the user to adjust as desired.

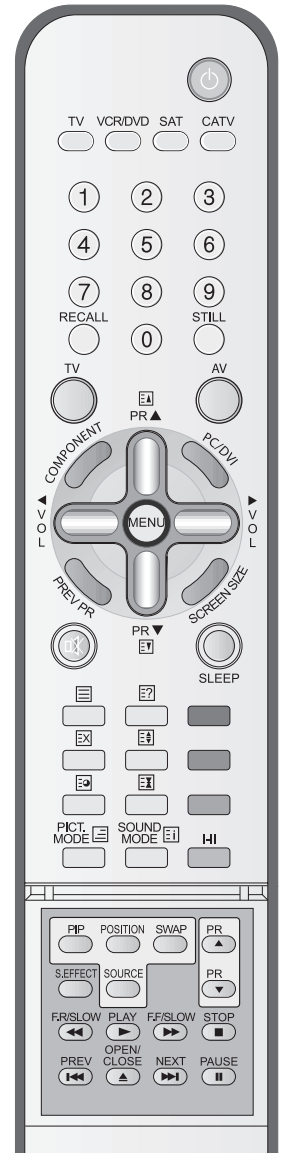
3

MENU will Disappear.

- After selecting a desired Sound Mode, the on-screen menu will disappear in about 2~3 seconds.
- Normal, Movie, Music and News modes are factory preset values. If you want to customise the sound modes for your preference, refer to the following page.

Adjusting Auto Sound Mode

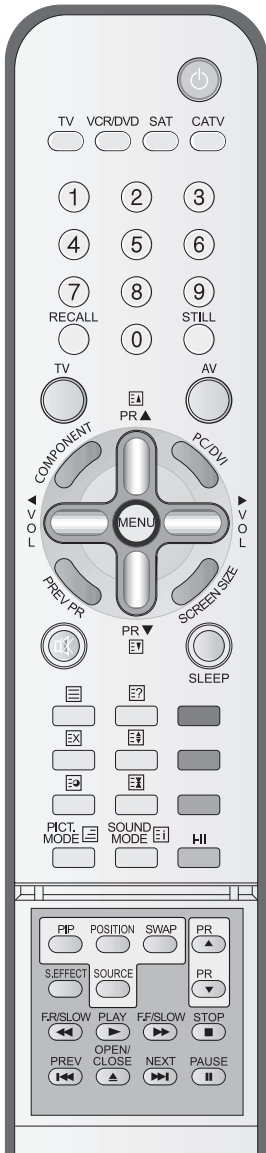
- Enjoy various sound modes by selecting your favourite Sound Mode depending on the kinds of moving pictures.



Customising Sound Mode

Customising Sound Mode

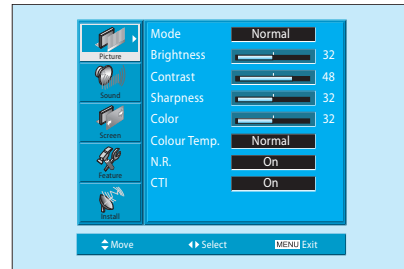
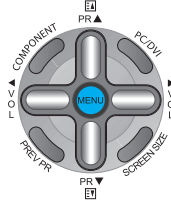
- This feature allows the user to adjust for their preference.



1

Press the MENU Button.

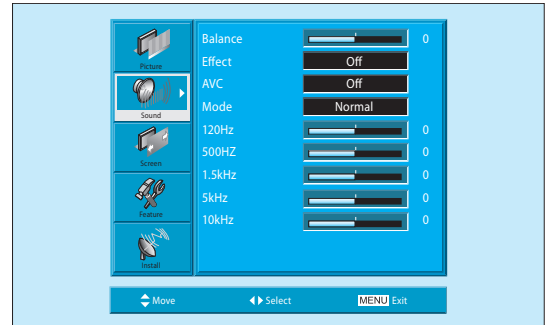
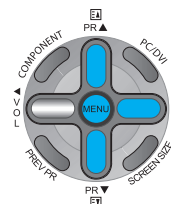
- The MENU screen as below will be displayed.



2

Press the "▼PR▲" Button.

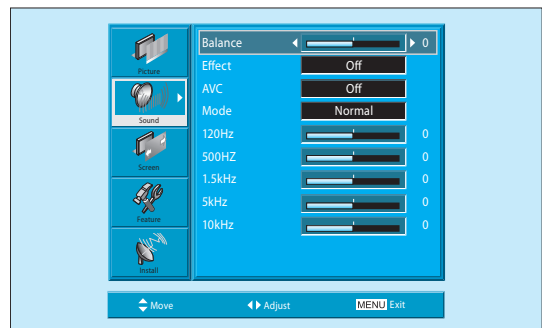
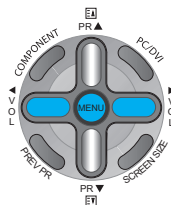
- Select [Sound] by the "▼PR▲" buttons, then press the "VOL▶" button to display the following.



3

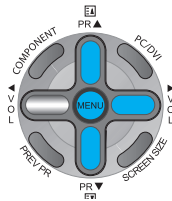
Select SOUND BALANCE.

- Select "Sound-Balance" by the "◀VOL▶" buttons, then adjust it.

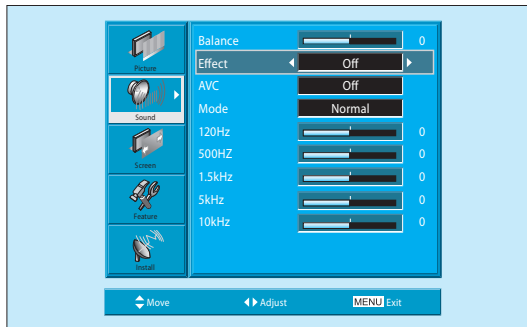


4

Select the Effect Mode.



- Select [Effect] by pressing the “▼PR▲” then select the desired sound effect by pressing the “VOL▶” button.
- [Effect]: Used to emphasize stereo effect.



Language selection for dual language broadcast

- If a programme is received in two languages (dual language), you can switch to Dual I, Dual II or F mono by pressing the I/II button of the remote control repeatedly.

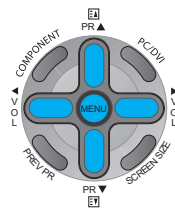
Dual I
Dual I sends the primary broadcast language to the loudspeakers.
Dual II
Dual II sends the secondary broadcast language to the loudspeakers.
F Mono
F Mono sends the Mono sound to the loudspeakers.

Customising Sound Mode



5

Select the Sound Mode.



- Select the Sound Mode by pressing the "▼PR▲" buttons, then adjust it by pressing the "◀VOL▶" buttons.



- * Normal : Suitable for watching any motion picture
- * Movie : Select this mode to simulate being at a movie theatre
- * Music : Suitable for listening to music
- * News : Allows human voice to be heard more clearly
- * User : Allows the user to adjust as desired.



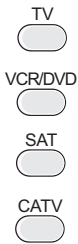
NOTES:

- 1) User Mode : Used as an equalizer with which the user can adjust the sound frequency as desired.
- 2) If you modify the sound frequency in auto Sound Mode (News, Movie, Music, etc.), it is automatically switched to the User Mode.
- 3) For a realistic sound effect, lower than 120Hz frequency sound and greater than 12kHz frequency adjust the equalizer accordingly.
- 4) AVC function : This function adjusts volume to the set level automatically. However, dependent on the sources, it may have different volume levels because the sound sources have their own initially set up levels.

Selecting INPUT SIGNAL

1

Press the Input Signal Selecting Button.



- Press the "TV", "AV", "COMPONENT" or "PC/DVI" button on the remote control or the PDP Display to select the desired input signal.
- Each time you press input mode buttons, a different input mode appears.

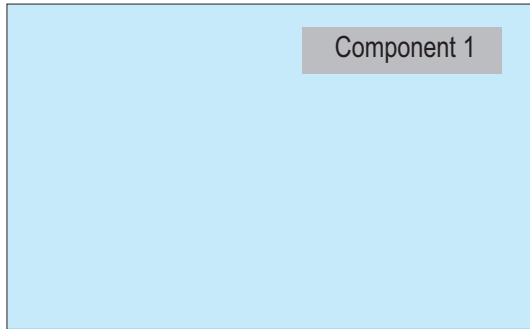
The sequence used is as follows:

• "TV" button TV

• "AV" button AV1 → AV2 → AV3

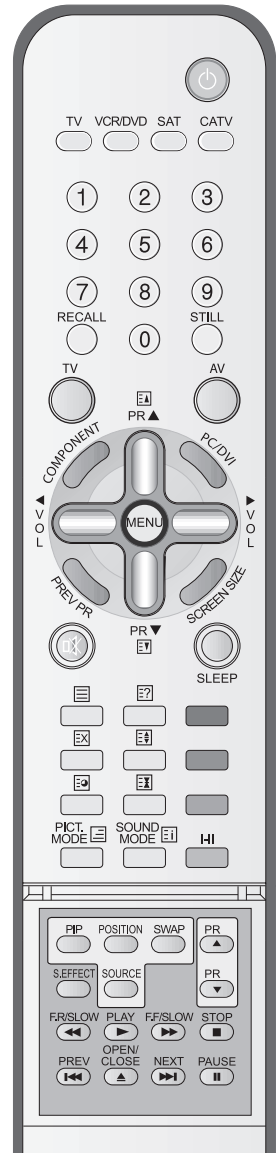
• "COMPONENT" button Component1 → Component2

• "PC/DVI" button PC → DVI



INPUT SIGNAL

- Used to select INPUT signal of external device connected to the PDP.



NOTES:

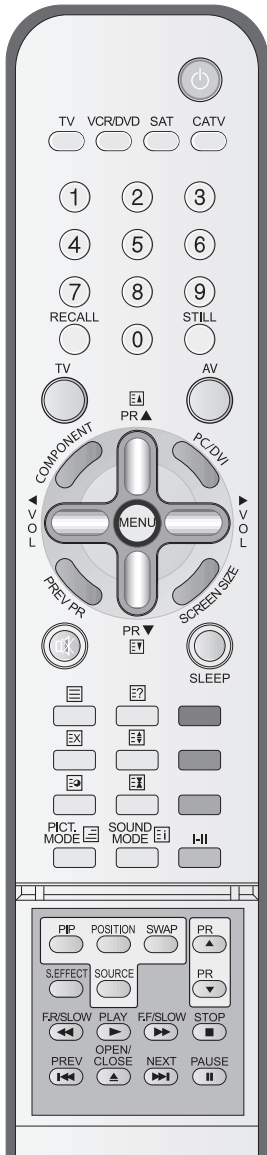
- 1) If an external device is not connected or INPUT signal is not applied a Warning Message ("No Signal") will be displayed.
- 2) In this case, check if external device is connected and/or terminal connection is properly fitted.
- 3) Also, you can select input using [INPUT SELECT] button in the keypad of the PDP unit. The sequence of selection is as follows:
 TV -> AV1 -> AV2 -> AV3 -> Component1
 -> Component2 -> PC -> DVI -> TV

Checking the Current Input Signal

- Press the [RECALL] button on the remote control, then displays basic informations of the current input signal, Under this state, pressing the [RECALL] button once more, additional informations about the current input signal will be displayed on the OSD.

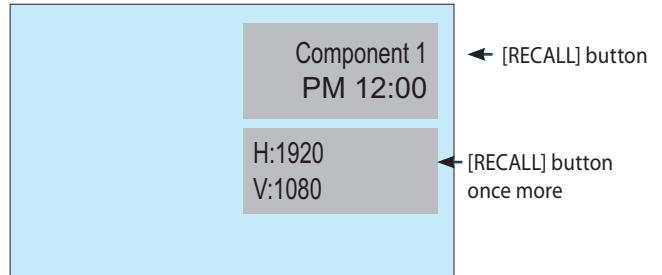
Checking the Current Input Signal

- Used to check the INPUT signal mode, current time, resolution, channel, etc.

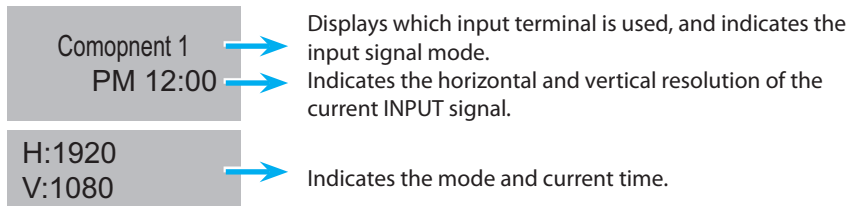


1 Press the RECALL Button.

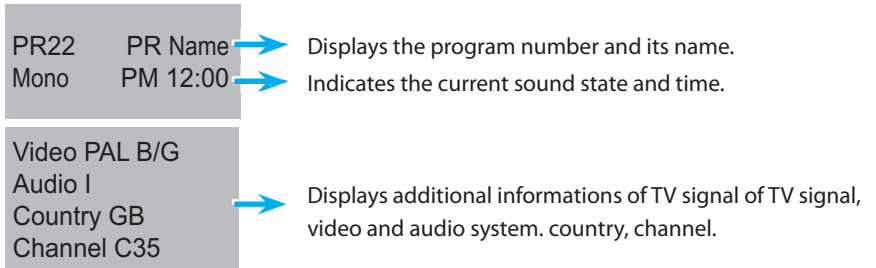
RECALL • Press the [RECALL] button on the Remote Control.



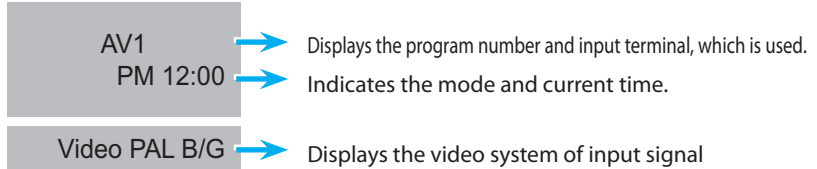
1. If you watch Component, PC, or DVI :



2. If you watch TV:



3. If you watch VCR image:



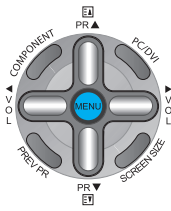
NOTES:

- 1) "1920 x 1080" displayed in the INPUT signal is not the resolution of the monitor, but the signal that is sent by the Digital Broadcasting Receiver.



MENU Background, Language and Child Lock Setting

1 Press the MENU Button.



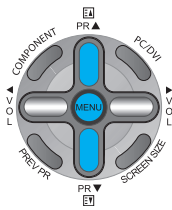
• The MENU screen will be displayed as below.



Selecting Languages

• Used to select the translucent level of MENU background and language used in MENU.

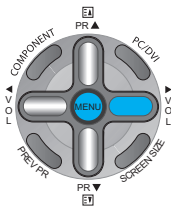
2 Press the "▼PR▲" Button.



• Select [Features] by the "▼PR▲" button.



3 Select the menu Background.



• Select the MENU [Background] by pressing the "VOL ►" button.
 • Adjust the translucent level of OSD background using "VOL ►" buttons.

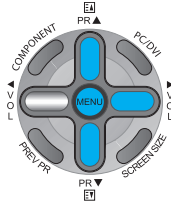


MENU Background, Language and Child Lock Setting



4

Select LANGUAGE by using the “▼PR▲” Button.



- Select [Language] by using the “▼PR▲” button.
- Every press of the “VOL ►” button while you are in the [Language] mode would cycle through the different languages.

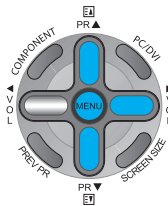


NOTES:

- When power is turned on the first time, 'SELECT LANGUAGE' mode will be displayed, then, select the desired language by using “VOL ►” button. (Displayed only once)

5

Child Lock Setting



- Select [Child Lock] by the “▼PR▲” buttons.
- Whenever “VOL ►” button is pressed, the lock mode would cycle On and Off.
- While the Child Lock is ON, if you have not turned off the PDP, all of it's keys will work normally. However, after turning the PDP off, the PDP will not be turned on with the keypad on the PDP. Only by the remote controller, the PDP is turned on.

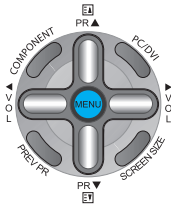


MGDI (Meta Genuine Digital Image)

MGDI is the image enhancement technology of Daewoo Electronics, which provides more clear, realistic, and delicate images.

1

Press the MENU Button.

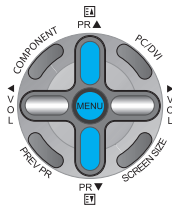


• The MENU screen will be displayed as below.



2

Select Features

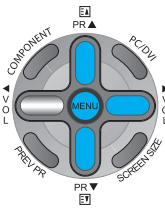


• Select [Features] by the “▼PR▲” button.



3

MGDI Setting



- Enter the sub Menu by using the “VOL ►” button.
- Select the [MGDI] by pressing the “▼PR▲” button.
- You can select [MGDI] On or Off mode by using the “VOL ►” button.



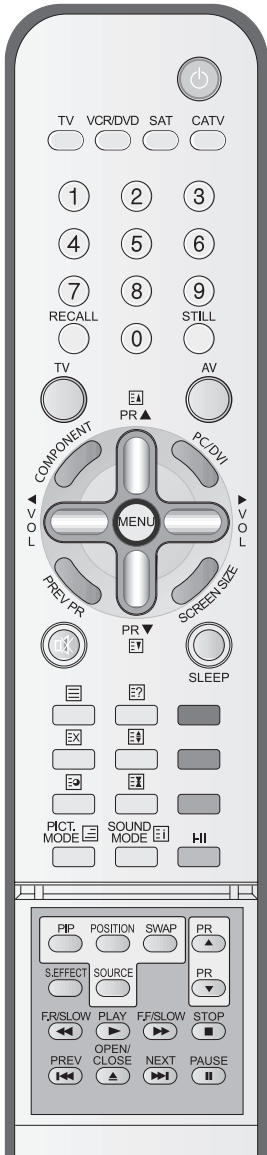
MGDI

- MGDI function can not be used In PC and DVI modes.

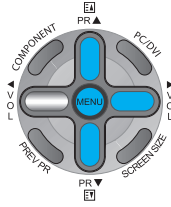
Auto Power Setting

POWER/STANDBY Indicator

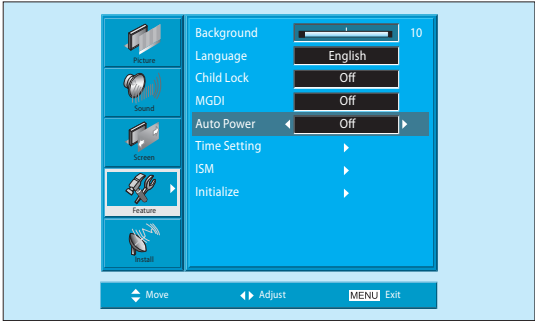
- Front panel LED lights
- When the AC power is on : Green.
 - When the AC power is in the standby mode : Red.



1 Auto Power Setting

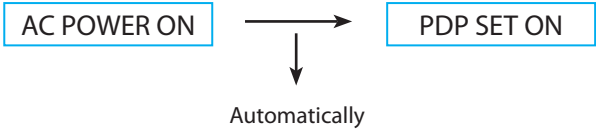


- Select the [Auto Power] by pressing the “▼PR▲” button from [Features].
- You can select [Auto Power] ON and OFF mode by using the “VOL▶” button.

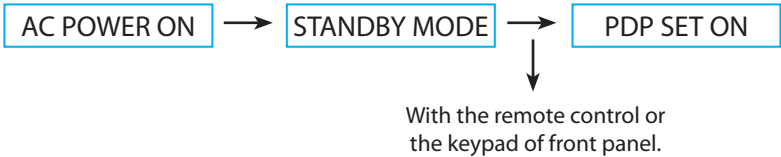


Auto Power

1) ON : When the AC power is ON, the TV will be turned on automatically without pressing the power button on the remote control.



2) OFF : When the AC power is ON, the TV will be turned on by pressing the power button on the remote control or the keypad of the front panel.



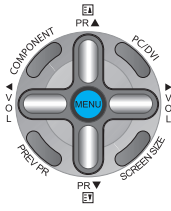
3) If Child Lock function is ON, this function is not operated.

Time Setting

1

Press the MENU Button.

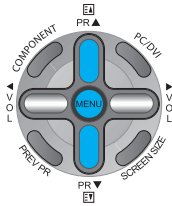
• The MENU screen will be displayed as below.



2

Select Features

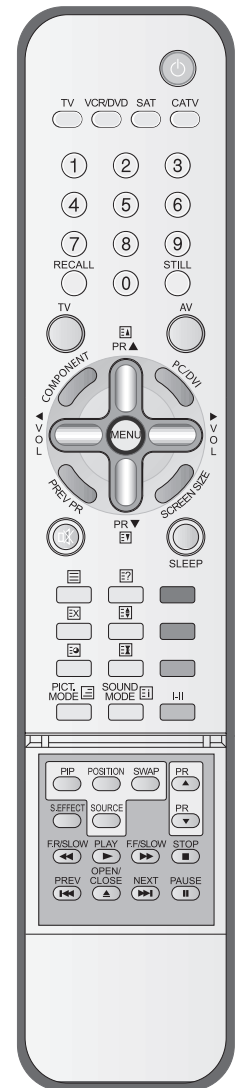
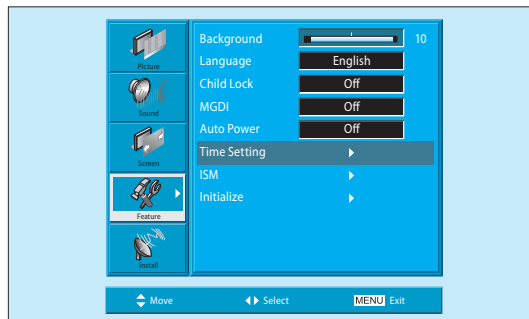
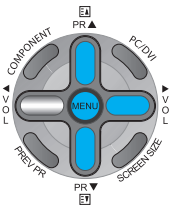
• Select [Features] by the "▼ PR ▲" button.



3

Select Time Setting

• Enter the sub menu by using the "VOL ►" button.
 • Select the [Time Setting] with the "▼ PR ▲" button.
 • Enter [Time Setting] by pressing the "VOL ►" button.



Time Setting

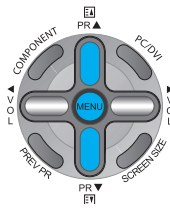
Time Setting

- The "Current time" must be set up ahead of setting up other time memories.

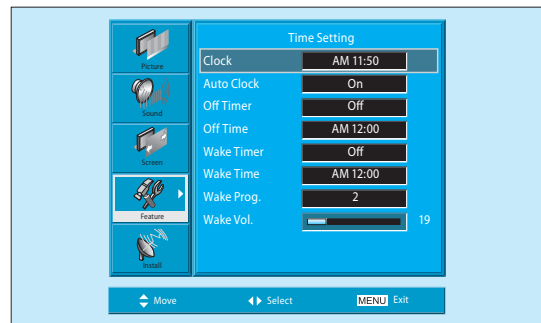


4

Off-Time and Wake time setting



- Select Functions by pressing the "▼PR▲" button. First, set [Clock]- current time, and then You can setup off-time and wake time.
- [Clock] : Adjust the desired hour and minute with "◀VOL▶" button.
- [Auto Clock] : Automatically setting the current time by teletext signal.
- [Off Time] and [Wake Time] Setting methods are same as [Clock] setting method.
- [Off Timer] and [Wake Timer] : Setting [On] and [Off] of each Timer.
- [Wake Prog.] and [Wake Vol.] : Setting channel and volume when TV is turned on by [Wake Timer].



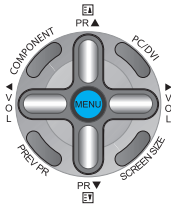
Time Setting Functions

- This time memory function automatically turns the TV set "On" or "Off" at a desired time. Once set up, this function works every day unless the set time is canceled or the TV set is unplugged. Therefore, this function could be used for a "Get up" alarm (Wake up Call) by setting up the time for "On" in the morning.
- However, if you once power off with ON/OFF in the PDP unit, the Current time (Clock) will be reset.

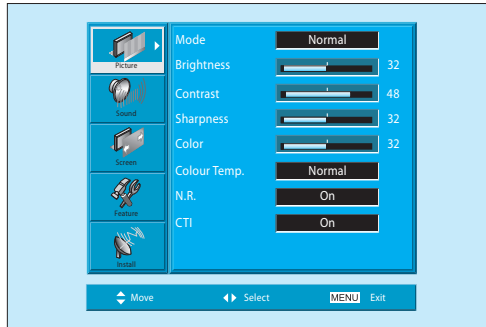
ISM (Image Sticking Minimisation)

1

Press the MENU Button.

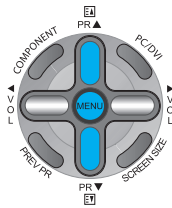


- The MENU screen will be displayed as below.



2

Press the “▼PR▲” Button.

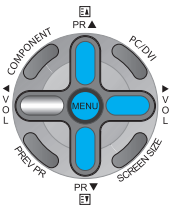


- Select [Features] by the “▼PR▲” button.

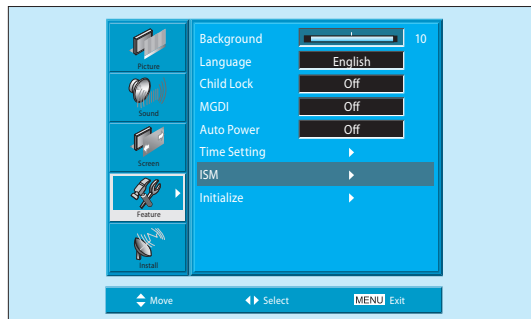


3

Select ISM.



- Enter the sub menu by using the “VOL▶” button.
- Select the [ISM] by pressing the “▼PR▲” button.
- Press of the “VOL▶” button while you are in the ISM.



ISM

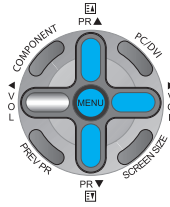
- Image Burn Minimisation
- Displaying a still image for a long time causes part image sticking on the screen.
- The ISM function minimises this effect.

ISM (Image Sticking Minimisation)



4

Select Functions.



• Every press of the “VOL ▶” button after select function by the “▼PR▲” button would switch between ON/OFF.



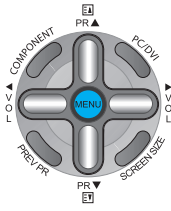
NOTES:

- * **Pixel Shift** : The whole screen shifts up/down, left/right at 15 sec interval to minimize image sticking.
- * **Low Bright**: When displaying a still picture or a fixed pattern for a long time (5Min), the brightness level decreases to minimize image sticking.
- * **Image Inverting**: Inverting color of the original image to minimisation image sticking.

Initialize Setting

1

Press the MENU Button.



• The MENU screen will be displayed as below.

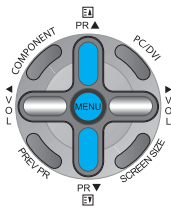


Back to Initialization

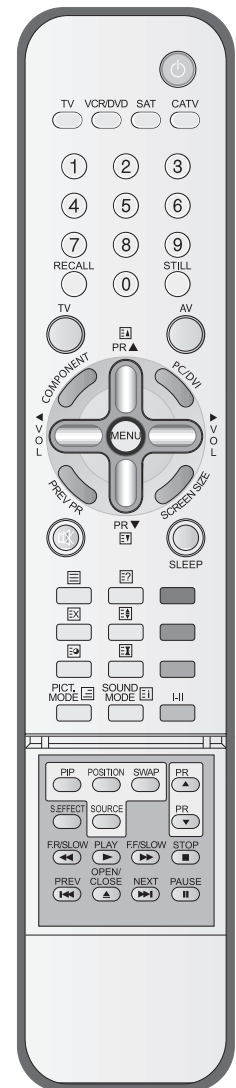
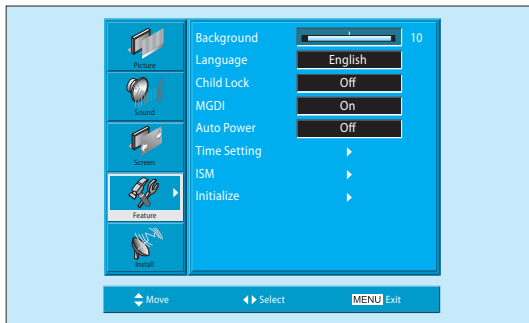
• You can restore the values of the adjustment setting made in the MENU back to factory settings.

2

Select Features



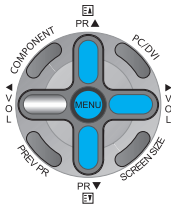
• Select [Features] by the "▼PR▲" button.



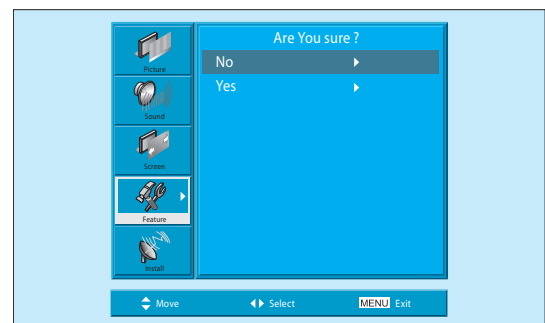
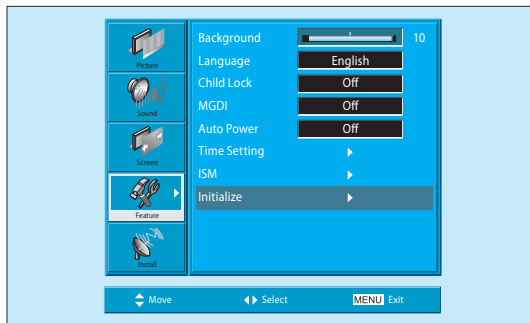
Initialize Setting

3

INITIALISATION



- Enter the sub Menu by using the “VOL ▶” button.
- Select the [Initialize] by pressing the “▼PR▲” button, then press the “VOL ▶” button.
- A confirmation message will be displayed.
- To perform initialization, press the “VOL ▶” button after selecting [YES] by the “▼PR▲” button.
- To return to MENU, press “MENU” button.



When [INITIALIZATION] is completed:

- 1) When [INITIALIZATION] is completed, those values that have been set in the User Mode of [PICTURE MODE] and [SOUND MODE] will be returned to the factory preset values.
- 2) Once initialized, you can not undo.
- 3) The items in the [SCREEN] Menu are also initialized.
- 4) Language, program, time, volume, OSD background, input mode are not initialized.

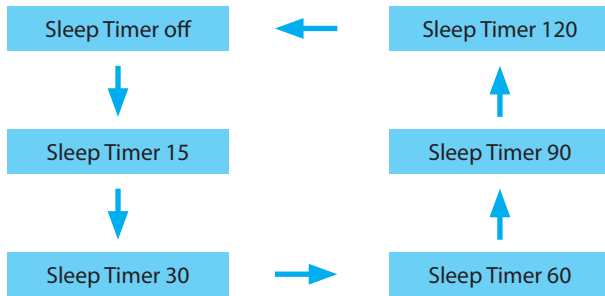
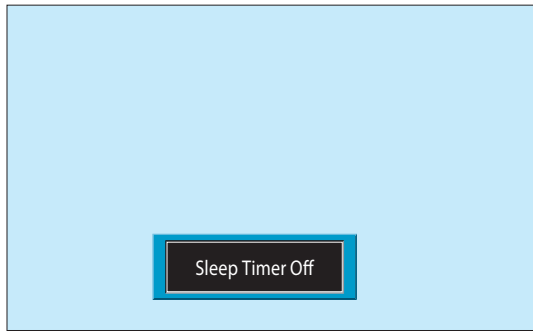
Setting Sleep Timer

1

Press the "SLEEP" Button.



- Press the "SLEEP" button on the Remote Control.
- Pressing the "SLEEP" button first time will display the current setting for Sleep Timer.
- To cancel the Sleep Timer, press the "SLEEP" button to select 'Off'.



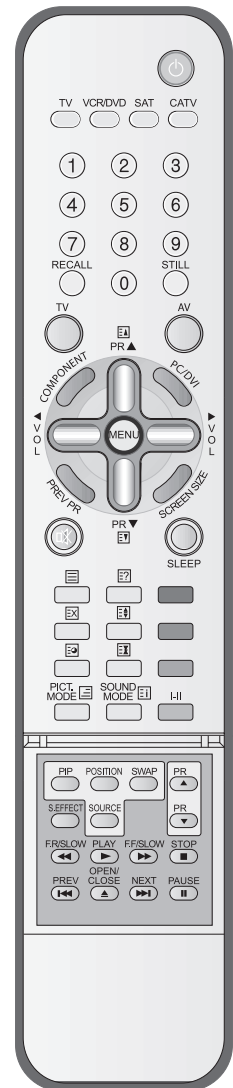
NOTES:

- 1) On-screen information disappears if you do not take any action for about two seconds after pressing the SLEEP button.
- 2) If you turn the PDP off after setting SLEEP, the setting is erased.



Setting Sleep Timer


- Sleep Timer turns the PDP off after a preset time.



Teletext







Switching Teletext ON/OFF

- Press the Text button (). The index page or the page viewed last will appear. Press the Text button again to return to the TV mode.


Colour buttons in TOP/FLOF Teletext

- A red, green, yellow and cyan field is shown at the bottom of the screen. If TOP or FLOF Teletext is transmitted by the station, pressing the corresponding colour button on the remote control, you can select the desired page easily.


Selecting Pages

- The Page selector button 0~9 are used to enter a page number.
The selected page number appears at the top of the screen and the page appears after a short time.
The UP( or )/( or ) buttons increase or decrease the current page number by 1.


Index Page

- You can switch directly to the program preview (with TOP text) or the overview page of the station you are currently viewing by pressing the Index () button.


Page Hold

- Several sub pages can be combined under a page number and are scrolled at an interval determined by the television station. The presence of sub pages is indicated by, for example, 3/6 beneath the time, which means that you are looking at the 3rd page of a total of 6pages.
If you want to look at a subpage for a longer period of time, press the Hold () button.
The contents of the subpage shown are kept no longer updated or switched to other subpages. Pressing the Hold button again, the current subpage appears.


Calling Up Subpage Directly

- Pressing the Subpage () button. The subpage number is displayed at the bottom of the screen. To change the subpage, press the subpage number, for example, the 2nd page, sequence 02. The desired subpage will eventually be displayed on the screen and holds it there. Press this button again to exit this function.


Watching television during teletext mode

- Some pages are continually updated, for example, stock market reports, sports announcements, the latest news. If you want to watch television and stay informed at the same time, press Update () button. The regular program is still visible and the teletext page number appears at the top of the screen. Pressing the Update button, the teletext page appears with the updated information.


Reveal Answer

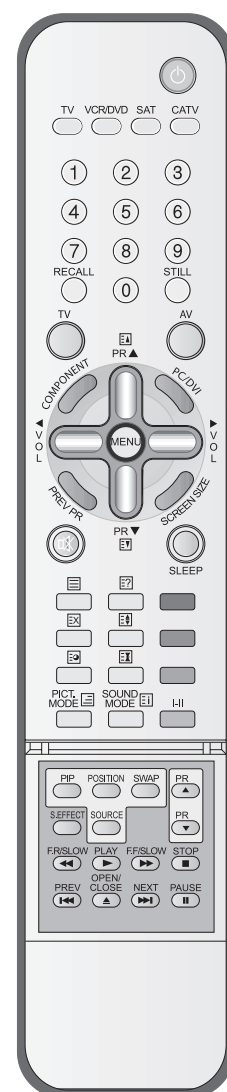
- This function can be used on certain pages to reveal the solution of riddles. Press the Reveal button () to reveal a hidden answer and press again to hide it.

Doubling Character size

- Repeatedly pressing the Size button () doubles the character size in the following order. Upper half of the page → Lower half of the page → Return to normal size.

Mix

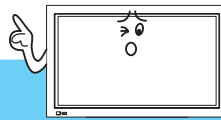
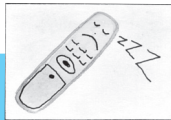
- You can simultaneously watch TV and Teletext screen by pressing the mixed window button () in Teletext mode.



Before Requesting Service

Before requesting for service, check the following points once again.

Symptoms	Checks	Action
<ul style="list-style-type: none"> • Remote control does not function properly. 	<ul style="list-style-type: none"> • Check for any obstacle between the Remote Control and the Display. • Check for dead batteries and incorrect battery orientation. • Check if the Remote Control is the right one. 	<ul style="list-style-type: none"> • Remove any obstacle between the Remote Control and the Display. • Replace batteries and use the correct polarity (+) or (-) of the batteries. • Use the correct Remote Control proper to the model.
<ul style="list-style-type: none"> • The Display makes a snapping sound. 	<ul style="list-style-type: none"> • Check if the pictures and sound are normal. 	<ul style="list-style-type: none"> • This sound is produced due to variations in room temperature. • This sound does not indicate that the Display has a problem if the pictures and sound can be viewed and heard properly.
<ul style="list-style-type: none"> • There are empty spots at the top and the bottom area of the screen. 	<ul style="list-style-type: none"> • Check if the screen size of an image is wider than 16:9 aspect ratio (theatre screen size). 	<ul style="list-style-type: none"> • When video screen is wider than 16:9 aspect ratio, you may see dark areas at the top and the bottom of the screen.



Before Requesting for Service



Symptoms	Checks	Action
<ul style="list-style-type: none"> • There are spots on the screen or screen rolls. 	<ul style="list-style-type: none"> • Check if your product is affected by any interference from automobiles, high-voltage transmission lines, neon signs or other potential sources. 	
<ul style="list-style-type: none"> • Screen size is suddenly changed. 	<ul style="list-style-type: none"> • The screen size of a video image may not be matched to the size of the dark initial screen. 	<ul style="list-style-type: none"> • Check by using other video tape.

SPECIFICATIONS

DISPLAY UNIT

Diagonal Size	106 cm (42")
Screen Aspect Ratio	16:9
System	PAL B/G, I/I, SECAM B/G, D/K, L/L'
Display Resolution	852(H) x 480(V) dots
Pixel Pitch	1,08(H) x 1,08(V) mm
Dimension	1260(Sz.) x 653(W) x 91(Gl.) mm 49.61(Sz.) x 25.71 (W) x 3.50 (Gl.) inch
Weight	33 kg (72.75Lbs)
Power Requirement	100-240V~, 50/60 Hz

* Appearance and specifications of this product are subject to change for improving the product without prior notice.

CONNECTION TERMINAL

	ITEMS	VIDEO	AUDIO
EXTERNAL INPUT	DVI INPUT	DVI-D Digital Only Jack	(LEFT/RIGHT)
	PC INPUT	one 15 pin D-sub jack	(LEFT/RIGHT)
	Component INPUT	two Y, Pb/Cb, Pr/Cr RCA Jack	2sets (LEFT/RIGHT)
	AV 1,2	SCART Jack (Video In/Out, RGB In)	(LEFT/RIGHT) (In/Out)
	AV3	RCA Jack, S-VHS	(LEFT/RIGHT)
	TV	Standard : PAL B/G, I/I, SECAM B/G, D/K, L/L' Receiving Channel : VHF Low : E2 ~ S6 Ch. (48.25MHz ~ 140.25MHz) VHF High : S7 ~ S36 Ch. (147.25MHz ~ 423.25MHz) UHF : S37 ~ E69 Ch. (431.25MHz ~ 855.25MHz) L'-SECAM : FB, FC1, FC	
AUDIO OUTPUT	20W (10W + 10W), 8 Ohm		